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EGG STATISTICS RELATING TO THE SOUTHERN COUNTIES OF CALIFORNIA

by

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EGG STATISTICS RELATING TO THE SOUTHERN COUNTIES OF CALIFORNIA

Edwin C. Voorhies[1] and John B. Schneider[2]

In response to the repeated requests of poultrymen in the southern section of California, compilations of important economic information relating specifically to that region, have been herein compiled. The larger part of the material has not been compiled nor disseminated heretofore. The source of the tabular material has been given fully in order that poultrymen and others interested can add to the data given.

Considerable confusion exists in the minds of egg producers and others relative to the standards set up for eggs. In this publication various price series are given for eggs of different standards. The specifications for the different standards are given in the following sections I, II, and III.

I

SPECIFICATIONS FOR OFFICIAL UNITED STATES STANDARDS FOR INDIVIDUAL EGGS

Standards are provided for four qualities of clean sound shell edible eggs, namely, U. S. Special, U. S. Extra, U. S. Standard, and U. S. Trade.

Specifications for U. S. Special.-- The shell must be clean, sound, and normal. The air cell must not exceed 1/8 inch in depth and must be regular. The yolk must be well centered, its outline indistinct, and it must be free from visible germ development and other defects or blemishes. The white must be firm and clear.

Specifications for U. S. Extra.-- The shell must be clean, sound, and normal. The air cell must not exceed 2/8 inch in depth and must be regular except in the retail grade of U. S. Extra, when the air cell may be slightly tremulous. The yolk must be fairly well centered and its outline may be moderately defined. It may be slightly mobile but must be free from visible germ development and practically free from other defects or blemishes. The white must be firm and clear.

Specifications for U. S. Standard.-- The shell must be clean and sound but may be slightly abnormal. The air cell must not exceed 3/8 inch in depth and may show movement not in excess of 1/2 inch. The yolk outline may be well defined. The yolk may be mobile and may show slightly visible germ development and other definite but not serious defects. The white must be reasonably firm and be clear.

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Specifications for U. S. Trade.-- The shell must be clean and sound but may be abnormal. The air cell may be over 3/8 inch in depth, may show movement in excess of 1/2 inch, and may be bubbly or free. The yolk may be plainly visible. It may be freely mobile and cast a dark shadow. It may show clearly visible germ development but no blood. It may show other serious defects. The white may be weak and watery.

Standards for Eggs with Dirty Sound Shells

Standards are provided for three qualities of dirty sound shell eggs, namely, U. S. Extra Dirty, U. S. Standard Dirty, and U. S. Trade Dirty. The specifications for dirty shell eggs of each of these three qualities are the same as for the corresponding quality of clean shell eggs except that the shell may be only slightly stained or slightly dirty in the U. S. Extra Dirty and it may be stained or dirty in the U. S. Standard Dirty and the U. S. Trade Dirty.

Standards for Eggs with Checked or Cracked Shells

One standard is provided for eggs with checked or cracked shells, namely, U. S. Check. The specification for eggs of this quality shall be the same as for clean sound shell eggs of the quality of U. S. Trade or better except that the shell may be checked or cracked but not leaking, and it may be clean, stained, or dirty.

The above data are taken from U. S. Dept. Agr. Official United States standards for individual eggs. U. S. Dept. Agr. Bur. Agr. Econ. Report. February, 1934.

The weights suggested for use in connection with U. S. Grades are:

Large Extras -- Average 24 oz. -- minimum 22 oz. per dozen
Medium Extras -- Average 20½ oz. -- minimum 19 oz. per dozen
Small Extras -- Average 17 oz. -- minimum 15 oz. per dozen

II

THE AGRICULTURAL CODE (CALIFORNIA)

The following is taken from Calif. State Dept. Agr. Agricultural code. Calif. State Printing Office, Sacramento, 1933.

"CHAPTER 8. EGGS AND EGG PRODUCTS

Article 1. Standards

1101. It is unlawful to sell for human consumption any eggs unfit for human food as determined by candling. Any egg is unfit for human food if it is addled or moldy; if it contains black spot, black rot, white rot or blood; if it has an adherent yolk or a bloody or green white (albumen); or if it is filthy, decomposed or putrid.

"1102. As used in this article with relation to eggs:

(a) "Addled" or "white rot" means putrid or rotten.

(b) "Moldy" means mold has developed inside the shell.

(c) "Black spot" means molds or bacteria have developed in isolated areas inside the shell.

(d) "Black rot" means deteriorated to such an extent that the whole interior presents a blackened appearance.

(e) "Blood" means germ development has taken place to the point that blood veins have formed or blood is diffused through the white.

(f) "Adherent yolk" means the yolk has become fastened to the shell.

(g) "Retailer" means any person who sells eggs to a consumer.

(h) "Consumer" means any person purchasing eggs for his own family use or consumption.

(i) "Manufacturer" means any restaurant, hotel, boarding house, bakery, or other institution purchasing eggs for serving to guests, or patrons, or for use in the manufacture or preparation of any product intended for human consumption.

(j) "Eggs" means eggs in the shell, except as otherwise defined in this article.

(k) "Candling" means the practice of examining the interior of an egg by the use of transmitted light.

"1103. It is unlawful to sell to a consumer any eggs intended for human consumption, other than those of the seller's own production sold without solicitation by him and upon the premises on which produced, without giving notice by suitable sign or label, to the person purchasing or intending to purchase the same, of the quality and weight of such eggs according to the standards prescribed in this article. When so labeled, no other labeling or marking is required.

"1104. Every person selling to a retailer or manufacturer eggs other than those of his own production shall furnish an invoice or candling certificate showing the exact quality and weight specifications of such eggs according to the standard prescribed by this article. A copy of such invoice or candling certificate shall be kept on file by the seller and by the purchaser at their respective places of business for thirty days and shall be available for inspection at all reasonable times by the Department of Public Health. No retailer or manufacturer shall be prosecuted under the provisions of this article if he can show a proper invoice or candling certificate from the person from whom the eggs are purchased, if said eggs have been labeled by the retailer for resale in accordance with the purchase invoice or candling certificate therefor. No retailer or manufacturer is exempt from prosecution who may have kept eggs, covered by an invoice or candling certificate, for such a time after purchase or under such conditions as to cause said eggs to deteriorate into a lower grade.

"1105. Quality specifications are:

(a) Specials: Eggs uniform in size; reasonably clean and sound; air cell localized and not over three-sixteenths of an inch in depth; clear firm whites; no visible germ development; may contain not more than two eggs per dozen of the grade of "extras."

(b) Extras: Eggs uniform in size; reasonably clean and sound; air cell not over one-fourth inch in depth; clear firm whites; no visible germ development; may contain not more than two eggs per dozen of the grade of "standards."

(c) Standards: Eggs uniform in size; reasonably clean and sound; air cell not over three-eighths inch in depth. The germ development may be slightly visible.

(d) Trades: Shall apply to all edible eggs falling below the quality specifications for standards. [Amended, chapter 423, approved May 16, 1933.]

"1106. Weight specifications are:

(a) Large eggs shall weigh not less than 1 5/6 ounces each and shall average not less than $23\frac{1}{2}$ ounces per dozen.

(b) Medium eggs shall weigh not less than 1 7/12 ounces each and shall average not less than 20 ounces per dozen.

(c) Small eggs shall weigh not less than $1\frac{1}{4}$ ounces each and shall average not less than 16 ounces per dozen.

(d) Peewee eggs shall include all eggs weighing less than $1\frac{1}{4}$ ounces each.

"1107. The terms "eggs," "ranch eggs," "farm eggs," or any terms similar thereto, when not otherwise modified, and when used on a sign or label mean eggs of the quality and size herein defined as "large extras" or better, and said eggs need not be otherwise marked as to quality or size. If eggs of a lower quality grade or of smaller size are offered for sale, the consumer must be notified by a suitable sign or label of the correct quality and size. Dirty eggs must be sold as such and the buyer must also be informed of the correct quality and weight or size. Checked or broken eggs must be sold as such and the buyer must be informed of the correct weight. No eggs below the quality of "standards" shall be sold to a consumer, except as provided in section 1103.

"1108. The violation of any provision of this article is a misdemeanor and punishable by a fine of not less than ten dollars nor more than fifty dollars; for the second offense a fine of not less than ten dollars nor more than one hundred dollars; for the third and any subsequent offenses a fine of not less than twenty-five dollars nor more than two hundred dollars. All fines shall be paid to the county treasurer of the proper county, who shall remit one-half thereof to the Department of Public Health for payment into the State treasury to the credit of the general fund.

"Article 2. Storage Eggs

[Sections 1121 to 1124, inclusive, repealed by Chapter 380, approved May 15, 1933.]

"Article 3. Cold Storage Eggs

[Sections 1131 to 1133, inclusive, repealed by chapter 380, approved May 15, 1933.]

1134. It is unlawful to sell cold storage eggs as fresh eggs or to represent the same to be fresh eggs.

"Article 4. Egg Products

1141. As used in this article "egg products" means "liquid eggs," "frozen eggs," "dried eggs" or other egg products intended for human consumption.

1142. Egg products shall be prepared only from eggs that are fit for human food, under sanitary conditions that meet the approval of all State rules and regulations prescribed under authority of the California pure food act, approved March 11, 1907, and the food sanitation act, approved March 6, 1909. Egg products prepared outside of the State but within the United States, must bear a certificate of an authorized representative of any Federal or State department that is authorized to inspect food products, which certificate shall state that the egg products have been prepared from eggs fit for human food and in accordance with the sanitary laws of the State or Territory of origin.

1143. No person shall sell for human consumption in the State any egg products imported into the State from without the United States until they have been inspected by the Department of Public Health and are found to be fit for human consumption and a permit authorizing such sale has been issued. The Department of Public Health shall cause an inspection of all such egg products to be made, and if the same are found to be in fit condition for human consumption, it shall issue to the importer or consignee a permit authorizing the sale thereof for such purpose, together with certificates of inspection equal in number to the number of containers in which said egg products are packed. Such certificates of inspection shall be in such form as the Department of Public Health deems appropriate and shall have printed upon a white background in plain black letters, not less than one inch high, "frozen eggs (or, as the case may be, liquid eggs, dried eggs or egg products) imported into the State of California from without the United States, inspected (inserting the date) by California Department of Public Health." Such certificates shall be printed upon gummed, adhesive labels, and the importer or consignee shall affix or cause to be affixed one such certificate to each of such containers in such manner that the inspection certificate shall be plainly visible to the buyer. All such egg products imported into the State from without the United States shall be sold only from the original containers. No certificate of inspection shall be removed from

the container or defaced, and no container upon which such inspection certificate has been affixed shall be used as a receptacle for any egg products imported into the State from without the United States which have not been so inspected and pronounced fit for human consumption. The importer or consignee shall pay for such inspection an inspection fee to be fixed by the Department of Public Health for each certificate of inspection.

"1144. All importers and wholesale distributors of egg products imported into the State from without the United States, when so requested shall furnish the Department of Public Health a record of the manufacturers to whom such products are sold.

"1145. The container in which egg products imported into the State from without the United States are sold in the State shall have the words "frozen eggs (or liquid eggs, dried eggs, or egg products, as the case may be) imported from without the United States" displayed on said case or container in letters not less than two inches high and said container shall bear the name of the manufacturer by whom the product was prepared or manufactured and the country in which the product was prepared or manufactured. All retailers of egg products imported into the State from without the United States shall sell the same from the container in which the retailers received such products and shall inform each purchaser of the origin of said eggs or egg products. All restaurants, hotels, cafes, bakeries and confectionaries using or serving egg products imported from without the United States must place a sign in letters not less than four inches high in some conspicuous place in their places of business so that the customer entering their places of business can see it, which sign shall read "frozen eggs (or dried eggs, or liquid eggs, or egg products, as the case may be) imported from without the United States used here."

All food products containing egg products imported from without the United States shall have stamped on the outside of each individual package or container thereof in plain view, in letters not less than one-quarter inch in size a statement to the effect that frozen eggs (or liquid eggs, or dried eggs, or other egg products, as the case may be) imported from without the United States have been used in the manufacture of the product.

Every person selling food products, in the manufacture of which are used egg products imported from without the United States, where such food products are not packed in individual packages or containers, and marked as provided herein, shall display, in a conspicuous place in the place of business where such food products are sold so that a customer entering such place of business can see it, a sign in letters not less than four inches in height to the effect that frozen eggs (or liquid eggs, or dried eggs, or other egg products, as the case may be) are used in the manufacture of food products sold therein. [Amended, chapter 290, approved May 12, 1933.]

"1146. The violation of any provision of this article, or any rule or regulation made pursuant thereto by the Department of Public Health is punishable for the first offense by a fine not exceeding five hundred dollars and for the second offense by a fine not exceeding one thousand dollars or by imprisonment for not more than ninety days, or both.

Article 5. Enforcement.

"1147. The Department of Public Health shall enforce the provisions of this chapter and shall make all necessary rules and regulations therefor."

III

AMENDED EGG GRADES AND RULES
PRODUCE EXCHANGE OF LOS ANGELES

RULE 14

GRADES FOR CANDLED FRESH EGGS

Large

Clean Extras.-- Clean extras shall be of current production and of the natural producers run; color shall be commercially white; shall contain no dirty eggs; size reasonably uniform. Throughout the year they shall weigh 22 ounces and over and shall average 23½ ounces per dozen; may contain not to exceed 15% cleaned eggs in any one delivery. Quality shall not be less than 50% U. S. Specials, balance U. S. Extras or better. Tolerance for this grade shall not exceed an average of 6 checked eggs per case in any one delivery, nor 12 slightly soiled eggs in any single case.

Light Dirty Extras.-- Light Dirty Extras shall be of current production; color shall be commercially white; size reasonably uniform. Throughout the year they shall weigh 22 ounces and over and shall average 23½ ounces per dozen. Quality shall be U. S. Extras or better. Tolerance for this grade shall not exceed an average of 6 checked eggs per case in any one delivery.

Clean Standards.-- Clean Standards shall be of current production; color may be mixed; shall contain no dirty eggs; size reasonably uniform. Throughout the year they shall weigh 22 ounces and over and shall average 23 ounces per dozen; may contain not to exceed 15% cleaned eggs in any one delivery. Quality shall be 100% U. S. Standards or better. Tolerance for this grade shall not exceed an average of 6 checked eggs and one light blood spot egg per case in any one delivery, nor 12 slightly soiled eggs in any single case.

Light Dirty Standards.--Light Dirty Standards shall be of current production; color may be mixed and consist of light dirty eggs; size reasonably uniform. Throughout the year they shall weigh 22 ounces and over and shall average 23 ounces per dozen. Quality shall be 100% U. S. Standards or better. Tolerance for this grade shall not exceed an average of 6 checked eggs and 1 light blood spot egg per case in any one delivery.

Checks.-- Checks shall be eggs of current production; color may be mixed; size reasonably uniform; may contain slightly dirty eggs. Throughout the year they shall weigh 22 ounces and over and shall average 23 ounces per dozen. Quality shall be 60% Extras or better, the balance U. S. Standards or better. This grade to consist of Pin Checks, Blind Checks, Dented Shells where membrane has not been broken. No leakers allowed. Tolerance for this grade shall not exceed an average of 1 light blood spot egg per case in any one delivery.

Medium

Clean Extras.-- Clean Extras shall be of current production and of the natural producers run; color shall be commercially white; shall contain no dirty eggs; size reasonably uniform. Throughout the year they shall weigh 19 ounces and over and shall average 20 ounces per dozen; may contain not to exceed 15% cleaned eggs in any one delivery. Quality shall be not less than 50% U. S. Specials and balance U. S. Extras or better. Tolerance for this grade shall not exceed an average of 6 checked eggs per case in any one delivery, nor 12 slightly soiled eggs in any single case.

Light Dirty Extras.-- Light Dirty Extras shall be of current production; color shall be commercially white; size reasonably uniform. Throughout the year they shall weigh 19 ounces and over and shall average 20 ounces per dozen. Quality shall be U. S. Extras or better. Tolerance for this grade shall not exceed an average of 6 checked eggs per case in any one delivery.

Clean Standards.-- Clean Standards shall be of current production; color may be mixed; shall contain no dirty eggs; size reasonably uniform. Throughout the year they shall weigh 19 ounces and over and shall average 20 ounces per dozen; may contain not to exceed 15% cleaned eggs in any one delivery. Quality shall be 100% U. S. Standards or better. Tolerance for this grade shall not exceed an average of 6 checked eggs and 1 light blood spot egg per case in any one delivery, nor 12 slightly soiled eggs in any single case.

Light Dirty Standards.-- Light Dirty Standards shall be of current production; color may be mixed and consist of light dirty eggs; size reasonably uniform. Throughout the year they shall weigh 19 ounces and over and shall average 20 ounces per dozen. Quality shall be 100% U. S. Standards or better. Tolerance for this grade shall not exceed an average of 6 checked eggs and 1 light blood spot egg per case in any one delivery.

Checks.-- Checks shall be eggs of current production; color may be mixed; size reasonably uniform; may contain slightly dirty eggs. Throughout the year they shall weigh 19 ounces and over and shallaverage 20 ounces per dozen. Quality shall be 60% U. S. Extras or better, the balance U. S. Standards or better. This grade to consist of Pin Checks, Blind Checks, Dented Shells where membrane has not been broken. No leakers allowed. Tolerance for this grade shall not exceed an average of 1 light blood spot egg per case in any one delivery.

Small

Clean Extras.-- Clean Extras shall be eggs of current production; color shall be commercially white; shall contain no dirty eggs; size reasonably uniform. Throughout the year they shall weigh 15 ounces and over and shall average 16 ounces per dozen; may contain not to exceed 15% cleaned eggs in any one delivery. Quality shall be not less than 50% U. S. Specials and balance

U. S. Extras or better. Tolerance for this grade shall not exceed an average of 6 checked eggs per case in any one delivery, nor 12 slightly soiled eggs in any single case.

Light Dirty Extras.-- Light Dirty Extras shall be of current production; color shall be commercially white; size reasonably uniform. Throughout the year they shall weigh 15 ounces and over and shall average 16 ounces per dozen. Quality shall be U. S. Extras or better. Tolerance for this grade shall not exceed an average of 6 checked eggs per case in any one delivery.

NOTE 1. -- Thirty dozen eggs constitute a case.

NOTE 2. -- The terms Specials, Extras and Standards as used in the grades of this Exchange shall be deemed to be in conformity with definition established by California State Egg Law as applying to individual eggs.

CASE COUNT

Case Count eggs shall be reasonably clean and of good average size, may be of mixed color, and shall have a minimum weight of 43 pounds net to the case; may contain not to exceed 15% of medium eggs. Quality shall be 80% U. S. Standards or better; the balance, excepting tolerance, shall be U. S. Trades or better. Each case of 30 dozen eggs may contain as tolerance not to exceed one dozen checked eggs and a total loss of one half dozen.

The container for Case Count eggs may be new or used cases, but must be sound and reasonably clean; may be branded. Fillers and flats shall be sound and reasonably clean. Containers not meeting specifications may be charged back to seller at 10¢ per case.

IV

Prior to February 16, 1931 wholesale quotations on the Los Angeles Wholesale Produce Exchange consisted for a long period of (1) "Extras," (2) "Pullets" or "Mediums," (3) "Smalls," (4) "Firsts." These quotations are listed in tables 1, 2, 3, and 4.

TABLE 1

Wholesale Produce Exchange Quotations on

"Fresh Extra" Eggs, Los Angeles, 1920 - Feb. 14, 1931

(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1920	56.5	44.3	39.2	40.3	43.8	45.0	51.3	56.3	66.3	76.5	80.6	73.0	56.1
1921	59.3	36.5	31.2	27.3	25.5	29.0	34.8	40.9	47.5	61.8	62.8	55.3	42.7
1922	42.0	28.0	26.1	27.0	26.8	28.8	30.5	32.6	42.8	57.2	60.3	55.8	38.2
1923	41.1	28.0	26.8	29.3	30.3	30.6	30.6	37.6	48.0	56.8	56.3	49.0	38.7
1924	40.0	27.5	25.9	27.2	27.8	33.1	34.4	37.8	45.3	54.8	56.0	48.8	38.2
1925	53.3	34.8	31.4	31.1	33.1	36.0	39.9	43.2	46.7	53.6	52.3	45.1	41.7
1926	32.4	28.4	27.5	29.3	30.2	32.6	34.2	39.2	44.3	50.8	55.0	47.8	37.6
1927	32.5	25.0	23.4	23.4	23.3	25.4	26.5	33.6	40.1	46.0	47.6	40.5	32.3
1928	33.1	24.7	35.0	25.4	25.5	27.2	31.1	36.5	42.8	48.3	50.5	43.3	35.3
1929	37.8	27.9	27.8	29.6	32.6	34.3	37.4	41.6	47.3	50.1	48.7	43.3	38.2
1930	36.7	26.3	26.0	25.9	25.8	24.4	27.5	30.2	36.1	38.3	34.5	26.2	29.8
1931	23.7	17.0†											

* Unweighted average.

† Average for first half of month. The last quotation for this grade was on February 14, 1931.

Source of data:

Computations by authors based upon the daily net quotations of eggs as published in Daily Market Reports on Butter, Cheese, Eggs, and Dressed Poultry issued by the San Francisco office of the U. S. Bur. Agr. Econ. Reports were not issued from Los Angeles prior to 1931.

TABLE 2

Wholesale Produce Exchange Quotations on
"Pullet" or "Medium" Eggs, Los Angeles, 1920--Feb. 14, 1931
(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1920	51.0	41.5	34.8	36.8	39.3	39.0	45.3	48.2	57.0	63.3	70.4	67.5	49.5
1921	56.0	34.5	28.0	24.0	20.6	26.1	29.3	35.2	36.3	44.0	48.8	50.3	36.1
1922	38.8	24.9	22.5	24.3	22.2	25.4	30.8	25.9	31.8	41.2	46.3	47.5	31.8
1923	37.8	25.0	24.0	25.1	26.1	26.8	26.5	32.4	36.8	42.4	43.8	43.8	32.5
1924	36.2	25.1	22.5	24.5	22.8	28.3	29.6	33.5	35.5	42.4	44.0	44.2	32.4
1925	51.3	33.0	27.8	27.6	30.1	32.0	33.1	34.6	36.5	39.3	42.7	38.2	35.5
1926	28.1	25.7	22.6	25.8	25.7	27.5	27.7	29.3	34.7	39.0	43.5	43.0	31.1
1927	30.2	22.7	20.1	20.5	18.3	20.3	21.5	26.9	30.6	35.9	39.3	35.4	26.8
1928	31.3	21.8	22.0	22.4	22.4	25.0	29.0	31.8	34.9	38.7	41.5	39.6	30.0
1929	36.0	25.9	24.5	26.4	29.6	31.6	32.6	35.0	39.2	41.8	42.5	40.0	33.8
1930	35.0	23.8	22.9	22.7	22.8	21.2	21.4	23.8	28.6	28.8	26.1	26.2	25.3
1931	19.7	14.5†											

* Unweighted average.

† Average for first half of month. The last quotation for this grade was on February 14, 1931.

Source of data:

Computations by authors based upon the daily net quotations of eggs as published in Daily Market Reports on Butter, Cheese, Eggs, and Dressed Poultry issued by the San Francisco office of the U. S. Bur. Agr. Econ. Reports were not issued from Los Angeles prior to 1931.

TABLE 3

Wholesale Produce Exchange Quotations on
"Small" Eggs, Los Angeles, July, 1926- Feb. 14, 1931
(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1926	--	--	--	--	--	--	23.0	22.2	26.9	31.2	35.4	35.9	--
1927	--	--	17.0	16.1	14.7	15.7	15.2	17.4	20.3	25.2	31.5	31.7	--
1928	29.5	19.5	18.2	18.2	19.0	21.8	23.1	23.4	24.2	28.1	31.9	34.4	24.3
1929	33.2	24.0	20.0	20.8	23.2	23.8	24.9	25.8	26.8	30.8	34.9	33.5	26.8
1930	32.2	20.0	16.7	15.8	16.5	15.1	15.1	14.6	19.0	21.2	21.0	17.7	18.7
1931	17.2	13.0†											

* Unweighted average.

† Average for first half of month. The last quotation for this grade was on February 14, 1931.

Source of data:

Computations by authors based upon the daily net quotations of eggs as published in Daily Market Reports on Butter, Cheese, Eggs, and Dressed Poultry issued by the San Francisco office of the U. S. Bur. Agr. Econ. Reports were not issued from Los Angeles prior to 1931.

TABLE 4

Wholesale Produce Exchange Quotations on

"Firsts" Eggs, Los Angeles, July 1926-Dec. 1930

(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1926	--	--	--	--	--	--	31.3	33.6	38.7	42.9	41.6	39.0	--
1927	30.8	23.6	21.6	21.6	21.3	23.7	25.0	29.3	36.8	44.0	45.9	38.4	30.2
1928	31.7	23.6	24.0	24.4	24.8	27.3	30.8	34.3	39.8	45.0	47.0	42.4	32.9
1929	36.6	27.3	27.6	29.4	32.4	34.1	36.6	39.5	44.6	45.8	46.6	43.0	37.0
1930	36.3	26.2	25.8	25.6	25.0	23.5	25.3	28.1	32.8	34.7	29.2	23.7	28.0

* Unweighted average.

Source of data:

Computations by authors based upon the daily net quotations of eggs as published in Daily Market Reports on Butter, Cheese, Eggs, and Dressed Poultry issued by the San Francisco office of the U. S. Bur. Agr. Econ. Reports were not issued from Los Angeles prior to 1931.

On February 16, 1931 a new series of price quotations was issued from the Produce Exchange of Los Angeles. The standards for these grades have already been described. The quotations follow in tables 5, 6 and 7.

TABLE 5

Wholesale Produce Exchange Quotations
on Candled Fresh Eggs, Large. Los Angeles
Feb. 16, 1931-Apr. 1934

(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1. Candled Fresh Clean Extras -- large													
1931	--	20.0†	20.1	19.3	18.7	20.0	24.5	29.2	33.0	34.9	32.9	32.1	--
1932	22.7	17.5	17.2	17.0	17.0	17.2	19.7	22.1	26.7	29.6	31.2	28.8	22.2
1933	25.7	15.8	16.0	16.3	17.8	17.2	20.6	23.7	27.1	29.9	27.8	24.8	21.9
1934	20.8	17.8	17.5	18.5									
2. Candled Fresh Light Dirty Extras -- large													
1931	--	18.7†	18.3	18.0	17.2	18.6	23.1	27.1	30.5	32.9	31.2	31.0	--
1932	22.0	16.4	15.8	15.9	16.0	15.6	18.2	20.3	24.3	28.5	29.4	27.9	20.9
1933	24.9	15.2	14.5	14.9	16.6	16.2	19.5	21.9	25.8	28.9	26.8	23.8	20.8
1934	19.9	16.1	16.5	17.2									
3. Candled Fresh Clean Standards -- large													
1931	--	17.9†	18.0	17.7	16.9	17.9	21.6	26.2	25.5	27.1	28.0	30.7	--
1932	21.5	16.5	15.0	15.6	15.6	15.2	18.0	18.8	21.4	23.9	26.3	26.3	19.5
1933	24.7	14.8	14.9	14.6	16.6	15.2	17.7	20.6	21.8	22.0	22.5	22.7	19.0
1934	19.8	16.5	15.9	17.5									
4. Candled Fresh Light Dirty Standards -- large													
1931	--	17.0†	17.6	16.7	16.4	17.4	19.8	23.1	23.0	25.0	27.0	27.0	--
1932	20.5	16.0	14.9	14.8	15.0	14.6	17.0	18.1	19.0	21.1	24.8	25.7	18.5
1933	24.6	14.5	13.5	14.0	15.8	15.1	16.5	18.0	19.8	20.0	20.7	22.0	17.9
1934	19.1	16.1	15.0	15.6									
5. Candled Fresh Checks -- large													
1931	--	15.9†	16.8	14.3	14.7	15.2	16.9	19.2	20.8	20.9	23.1	24.6	--
1932	19.7	15.0	13.9	13.8	14.0	13.6	15.3	16.9	19.0	20.0	23.9	25.4	17.5
1933	24.2	13.6	13.0	13.5	15.5	14.3	15.3	16.1	18.3	20.7	21.0	21.0	17.2
1934	18.1	15.4	14.1	15.0									

* Unweighted average.

† Average for February 16-28.

Source of data:

Computations by authors based upon daily quotations as published in Daily Dairy and Poultry Market Reports issued by the Los Angeles office of the U. S. Bur. Agr. Econ.

TABLE 6

Wholesale Produce Exchange Quotations on
Candled Fresh Eggs, Medium. Los Angeles
Feb. 16, 1931-Apr. 1934

(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1. Candled Fresh Clean Extras -- medium													
1931	--	16.5†	16.5	16.0	15.4	17.7	20.7	24.4	27.0	27.4	27.3	29.2	--
1932	20.3	15.8	14.5	15.1	15.0	14.8	16.7	18.4	21.3	24.1	26.5	26.7	19.1
1933	24.1	14.1	14.4	14.3	15.8	15.1	17.6	19.5	22.6	22.5	23.5	22.3	18.8
1934	18.8	15.8	15.5	16.9									
2. Candled Fresh Light Dirty Extras -- medium													
1931	--	15.0†	15.5	15.2	14.6	17.2	19.7	23.3	25.6	25.9	26.6	28.9	--
1932	20.2	15.2	13.6	14.4	14.5	13.8	15.9	17.6	19.9	22.6	25.8	25.9	18.3
1933	24.0	14.0	14.0	13.7	14.8	14.4	16.6	18.3	21.6	21.5	22.5	21.4	18.1
1934	17.9	15.4	14.5	15.8									
3. Candled Fresh Clean Standards -- medium													
1931	--	14.3†	15.0	14.6	14.7	16.4	18.8	22.5	24.0	24.0	24.9	27.3	--
1932	19.2	14.6	13.2	13.9	14.0	13.4	15.5	16.7	18.9	20.6	23.7	24.3	17.3
1933	23.4	13.5	13.0	13.2	14.5	14.2	15.4	17.5	19.9	20.0	20.8	21.4	17.2
1934	17.9	15.0	13.2	14.6									
4. Candled Fresh Light Dirty Standards -- medium													
1931	--	13.4†	14.5	14.1	14.5	16.3	17.7	21.7	22.0	22.0	23.2	25.6	--
1932	19.2	14.3	13.0	13.1	13.5	13.0	14.4	16.4	18.0	19.1	22.7	23.6	16.7
1933	23.3	13.5	12.5	12.6	13.6	14.0	14.5	15.4	17.9	18.0	19.6	20.9	16.3
1934	17.5	14.6	13.0	13.6									
5. Candled Fresh Checks -- medium													
1931	--	12.8†	13.0	12.3	11.8	12.8	13.5	15.2	17.9	17.9	20.0	23.0	--
1932	17.6	13.4	12.1	12.0	12.0	11.4	12.8	14.3	15.0	16.9	20.7	22.6	15.1
1933	23.0	13.1	12.3	11.3	13.6	12.1	12.6	14.1	15.0	15.4	17.0	19.2	14.9
1934	16.7	14.0	12.1	12.4									

* Unweighted average.

† Average for last half of month.

Source of data:

Computations by authors based upon daily quotations as published in Daily Dairy and Poultry Market Reports issued by the Los Angeles office of the U. S. Bur. Agr. Econ.

TABLE 7

Wholesale Produce Exchange Quotations on
Candled Fresh Eggs, Small. Los Angeles
Feb. 16, 1931-Apr. 1934

(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1. Candled Fresh Clean Smalls													
1931	--	14.0†	13.9	12.9	12.6	13.9	14.5	15.8	18.3	21.3	23.3	26.7	--
1932	18.5	14.0	12.5	13.0	13.0	12.0	12.6	13.4	15.1	18.7	22.6	23.5	15.7
1933	23.0	13.4	12.5	11.6	13.1	13.0	13.5	14.1	15.8	16.9	19.7	19.9	15.5
1934	17.8	15.1	13.5	14.0									
2. Candled Fresh Light Dirty Smalls													
1931	--	13.2†	13.3	12.7	11.8	12.6	13.0	14.5	17.4	20.1	22.3	25.8	--
1932	18.4	14.0	12.2	12.0	12.0	12.0	12.0	12.5	14.5	17.7	22.1	22.9	15.2
1933	22.7	13.3	11.8	11.4	12.8	12.4	12.9	13.8	14.8	15.9	18.7	19.7	15.0
1934	17.8	14.8	12.6	13.0									

* Unweighted average.

† Average for last half of month.

Source of data:

Computations by authors based upon daily quotations as published in Daily Dairy and Poultry Market Reports issued by the Los Angeles office of the U. S. Bur. Agr. Econ.

Egg prices at San Diego are listed in table 8. These prices are not strictly comparable with those at Los Angeles. The San Diego prices represent prices for one, two or three weeks out of every month, depending upon the weeks in which prices have been published in The San Diego Poultry Journal.

TABLE 8

Egg Prices at San Diego, 1928-1934

(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1. Specials													
1928	31.0	25.0	27.0	27.0	27.0	30.0	33.0	37.5	43.0	49.0	51.0	43.5	35.3
1929	36.0	27.5	28.0	29.3	32.5	34.0	38.0	43.0	48.0	51.0	47.5	43.0	38.2
1930	36.0	26.0	27.0	26.5	26.0	25.0	28.0	31.0	40.0	39.0	35.0	23.0	30.2
1931	22.0	18.5	19.0	17.5	18.0	18.5	25.5	29.5	32.5	35.0	33.0	32.0	25.1
1932	24.0	16.0	16.0	16.0	16.0	16.7	20.0	23.0	27.0	29.0	29.3	28.0	21.8
1933	31.0	14.5	14.0	14.5	16.3	15.8	18.0	22.3	27.0	30.0	27.7	24.5	21.3
1934	21.8	17.5	16.7	17.0	18.5								
2. Extras													
1928	30.0	23.5	24.0	24.0	24.5	27.5	31.0	36.0	42.0	48.0	50.0	41.5	33.5
1929	35.0	27.0	26.0	28.3	31.5	33.0	37.0	42.0	47.0	50.0	46.5	41.5	37.1
1930	35.0	25.0	26.0	25.0	25.0	24.0	26.5	30.0	39.0	37.5	32.0	22.0	28.9
1931	21.0	17.5	18.0	16.5	17.0	17.5	24.5	28.5	31.5	33.0	31.0	30.0	23.8
1932	21.0	15.0	15.0	15.0	15.0	15.3	19.0	22.0	26.0	28.0	28.3	27.0	20.6
1933	30.0	14.0	13.5	14.0	15.8	15.3	17.5	21.3	26.0	28.0	25.7	22.5	20.3
1934	20.3	15.5	15.3	16.0	16.0								
3. Extra Firsts													
1928	28.0	21.5	22.0	22.0	22.5	25.5	29.0	34.0	39.5	45.5	48.0	40.5	31.5
1929	33.5	26.0	25.0	27.3	30.5	32.0	35.5	40.0	44.5	46.5	44.5	40.0	35.4
1930	33.5	23.5	25.0	24.3	24.0	22.5	24.5	28.0	35.0	33.5	25.0	21.0	26.7
1931	19.5	16.0	16.0	14.5	14.0	15.5	22.5	26.5	29.0	30.5	29.0	28.5	21.8
1932	20.0	14.0	13.3	13.5	14.0	--	--	--	--	--	--	--	
4. Mediums													
1928	27.5	20.5	22.0	22.0	22.5	25.0	27.5	32.0	34.5	36.5	40.5	38.0	29.0
1929	33.0	25.5	23.0	25.3	29.0	30.0	32.0	35.0	38.5	41.0	41.5	37.5	32.6
1930	33.0	22.0	22.0	23.0	22.0	20.5	20.5	23.0	29.0	28.0	24.0	16.5	23.6
1931	17.5	14.3	15.0	14.0	13.0	15.5	20.0	23.0	25.0	25.5	25.5	27.5	19.7
1932	19.0	13.5	12.7	13.0	13.0	13.3	16.0	17.5	20.5	23.0	23.3	25.0	17.5
1933	29.0	12.5	11.0	12.5	13.7	13.0	14.5	17.3	21.0	21.0	20.3	20.0	17.2
1934	18.0	13.5	12.7	13.0	15.0	--	--	--	--	--	--	--	
5. Peewees													
1928	25.5	16.0	15.5	16.0	15.0	19.0	20.5	22.0	23.0	26.0	29.5	31.5	21.[illegible]
1929	30.5	22.0	18.0	18.3	20.5	22.0	23.0	25.0	25.0	27.0	29.5	31.0	24.[illegible]
1930	30.5	18.0	16.0	14.0	14.0	14.0	13.5	13.5	19.0	18.5	17.0	15.0	16.[illegible]
1931	15.5	11.5	11.0	9.0	8.0	10.5	13.0	14.0	16.5	18.0	19.0	23.5	14.1
1932	18.0	12.0	10.0	9.5	9.0	9.3	11.5	12.0	14.6	16.0	19.7	21.5	13.6
1933	27.0	11.5	10.0	9.5	10.0	10.0	11.0	12.0	14.0	14.0	17.7	17.0	13.6
1934	17.0	12.5	11.0	10.0	11.0	--	--	--	--	--	--	--	--
6. Standards													
1932	--	--	--	--	--	14.0	17.0	20.0	24.0	26.0	26.3	25.0	21.8
1933	29.0	13.2	12.0	12.5	14.3	13.3	14.5	19.3	23.5	25.0	22.0	21.0	18.3
1934	19.0	14.5	14.7	14.0	15.0	--	--	--	--	--	--	--	

* Unweighted average.

Source of data:

Computations by authors based upon prices published in The San Diego Poultry Journal.

Egg prices received by farmers are of interest to producers. In table 9 prices received by farmers in California from 1910 through April, 1934 are listed. These represent all grades of eggs and are useful in showing trends of prices. They are the averages of prices received on one day (the fifteenth) of each month by farmers in all sections of the state.

TABLE 9

Monthly Farm Prices of Eggs, California, 1910-1931
(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.*
1910	38.0	30.0	23.0	21.0	22.0	24.0	25.0	28.0	32.0	37.0	42.0	41.0	28.3
1911	34.0	28.0	21.0	18.0	19.0	21.0	22.0	25.0	30.0	36.0	40.0	41.0	25.9
1912	37.0	28.0	20.0	20.0	19.0	20.0	22.0	25.0	29.0	34.0	40.0	39.0	25.8
1913	32.0	25.0	19.0	18.0	20.0	21.0	22.0	30.0	31.0	38.0	50.0	46.0	26.6
1914	43.0	29.0	18.0	20.0	20.0	25.0	25.0	30.0	34.0	40.0	44.0	41.0	28.2
1915	35.0	24.0	19.0	19.0	20.0	21.0	24.0	26.0	31.0	39.0	47.0	42.0	26.4
1916	35.0	29.0	18.0	19.0	22.0	24.0	26.0	30.0	35.0	43.0	49.0	43.0	28.3
1917	40.0	31.0	24.0	27.0	31.0	33.0	32.0	38.0	42.0	49.0	55.0	52.0	35.1
1918	53.0	42.0	33.0	32.0	34.0	35.0	41.0	42.0	53.0	58.0	70.0	72.0	43.6
1919	62.0	38.0	35.0	40.0	43.0	44.0	46.0	50.0	56.0	64.0	73.0	76.0	48.9
1920	61.0	41.0	35.0	36.0	37.0	38.0	45.0	49.0	56.0	65.0	76.0	60.0	46.2
1921	48.0	30.0	26.0	20.0	20.0	22.0	29.0	35.0	41.0	50.0	55.0	50.0	32.1
1922	29.0	28.0	22.0	22.0	23.0	24.0	27.0	27.0	38.0	50.0	54.0	52.0	30.1
1923	41.0	29.0	21.0	23.0	25.0	27.0	29.0	33.0	36.0	47.0	53.0	48.0	31.5
1924	38.0	32.0	22.0	23.0	23.0	25.0	30.0	34.0	39.0	47.0	55.0	51.0	31.9
1925	48.0	36.0	28.0	27.0	29.0	31.0	37.0	39.0	40.0	48.0	55.0	50.0	36.4
1926	38.0	28.0	24.0	24.0	26.0	29.0	31.0	33.0	37.0	44.0	47.0	44.0	31.5
1927	37.0	26.0	21.0	22.0	21.0	22.0	23.0	27.0	33.0	39.0	44.0	42.0	27.6
1928	35.0	24.0	22.0	23.0	24.0	25.0	29.0	31.0	34.0	39.0	42.0	44.0	29.0
1929	38.0	29.0	25.0	25.0	26.0	30.0	31.0	36.0	39.0	43.0	47.0	46.0	32.3
1930	39.0	27.0	24.0	23.0	23.0	23.0	23.0	25.0	32.0	34.0	35.0	27.0	26.7
1931	23.0	17.0	15.3	15.5	16.1	16.0	18.1	23.1	26.5	30.0	29.5	29.2	20.0
1932	23.4	15.8	14.2	13.3	13.7	13.7	15.4	17.0	20.9	25.4	27.4	26.0	17.5
1933	26.0	13.4	12.7	13.0	14.6	15.1	16.3	18.9	22.0	24.5	24.5	23.0	17.4
1934	19.1	15.2	14.0	14.2									

* Weighted average based upon weights calculated from per cent of receipts in months as follows: January, 7 per cent; February, 9 per cent; March, 13 per cent; April, 13 per cent; May, 11 per cent; June, 10 per cent; July, 8 per cent; August, 6 per cent; September, 6 per cent; October, 5 per cent; November, 5 per cent; December, 7 per cent.

Source of data:

1910-1925, U. S. Dept. Agr. Bur. Agr. Econ., Prices of farm products received by producers; 4, Mountain and Pacific states. U. S. Dept. Agr. Sta. Bul. 17: 147. 1926-1934. Monthly issues U. S. Dept. Agr. Crops and Markets.

In 1928 eggs were shipped into California from a relatively small number of states. The number was matarially increased in 1933. A comparison of farm prices in the more important of those states shipping into California with

comparable farm prices in California will prove to be of interest. Compare tables 9 and 10.

TABLE 10

Eggs: Average Prices Received by Farmers in States Shipping Eggs into Southern California, 1933

(Cents per dozen)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Colorado												
1928	39.0	26.0	22.0	20.0	21.0	22.0	24.0	28.0	30.0	35.0	43.0	48.0
1929	35.0	32.0	28.0	22.0	21.0	22.0	25.0	28.0	31.0	37.0	46.0	49.0
1930	35.0	33.0	20.0	20.0	19.0	18.0	18.0	20.0	25.0	29.0	34.0	32.0
1931	21.0	14.0	15.5	15.6	11.5	12.6	14.5	17.8	18.7	23.0	28.0	31.0
1932	19.0	14.0	9.0	9.0	9.2	9.9	11.3	14.3	15.0	22.0	26.0	28.0
1933	23.0	10.2	8.7	8.3	12.0	9.0	10.5	12.0	14.1	20.4	24.2	24.1
1934	15.0	12.0	11.0	11.4								
Idaho												
1928	32.0	26.0	20.0	19.0	20.0	20.0	22.0	26.0	30.0	32.0	39.0	41.0
1929	33.0	33.0	26.0	20.0	22.0	23.0	24.0	26.0	29.0	38.0	42.0	42.0
1930	29.0	29.0	20.0	19.0	18.0	18.0	20.0	19.0	21.0	29.0	32.0	28.0
1931	17.0	14.0	11.3	11.6	10.2	10.5	11.4	15.5	17.5	22.6	27.8	28.9
1932	16.5	14.0	11.2	8.6	9.1	10.0	10.5	13.7	14.4	19.3	24.3	22.7
1933	18.1	12.8	11.8	8.7	11.3	10.7	11.1	12.7	15.9	22.2	26.6	23.4
1934	14.8	11.8	10.3	10.3								
Kansas												
1928	32.0	24.0	22.0	21.0	23.0	21.0	22.0	22.0	26.0	26.0	32.0	36.0
1929	27.0	29.0	23.0	21.0	22.0	23.0	23.0	24.0	27.0	32.0	38.0	39.0
1930	33.0	27.0	19.0	19.0	16.0	15.0	13.0	14.0	20.0	18.0	25.0	18.0
1931	17.0	10.0	15.9	14.0	10.0	10.8	10.7	12.0	12.7	15.4	20.3	19.8
1932	13.0	10.0	7.4	7.8	8.4	7.1	8.0	10.7	12.7	18.0	21.4	24.5
1933	16.2	8.3	7.4	8.3	10.0	6.8	9.0	7.9	11.4	15.3	18.9	12.4
1934	13.8	12.4	12.3	11.7								
Nebraska												
1928	31.0	24.0	21.0	21.0	23.0	21.0	22.0	22.0	25.0	27.0	31.0	36.0
1929	27.0	28.0	24.0	21.0	22.0	23.0	23.0	24.0	26.0	30.0	36.0	38.0
1930	31.0	27.0	18.0	19.0	16.0	15.0	13.0	13.0	18.0	18.0	24.0	20.0
1931	16.0	9.0	15.5	13.6	9.5	10.3	10.2	11.4	12.1	15.1	21.2	22.9
1932	14.0	10.1	7.0	7.7	8.5	6.8	8.3	10.8	12.8	18.7	21.5	24.6
1933	18.0	8.2	7.5	8.4	10.6	6.9	9.4	7.9	10.6	15.4	17.7	15.8
1934	13.0	12.2	11.8	11.8								
New Mexico												
1928	41.0	30.0	23.0	22.0	23.0	23.0	25.0	30.0	33.0	37.0	46.0	50.0
1929	39.0	33.0	30.0	23.0	23.0	26.0	28.0	31.0	34.0	41.0	46.0	53.0
1930	40.0	35.0	20.0	22.0	22.0	21.0	20.0	22.0	25.0	32.0	35.0	37.0
1931	25.0	17.0	15.8	17.2	14.0	15.4	16.0	17.6	20.5	23.2	25.5	31.4
1932	25.0	15.9	9.8	9.8	10.2	10.5	12.9	13.1	19.3	24.8	29.4	30.0
1933	25.7	11.0	9.5	9.5	11.5	11.6	13.2	17.7	19.8	25.3	27.1	28.8
1934	23.9	15.5	12.6	13.1								

(Table continued on next page)

Table 10 continued.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Oregon												
1928	34.0	26.0	21.0	20.0	22.0	23.0	28.0	28.0	34.0	41.0	43.0	42.0
1929	34.0	32.0	24.0	23.0	24.0	27.0	31.0	34.0	36.0	43.0	51.0	45.0
1930	35.0	29.0	22.0	21.0	22.0	21.0	20.0	22.0	28.0	30.0	33.0	24.0
1931	19.0	15.0	13.0	14.0	12.0	13.0	17.0	19.0	22.0	26.0	29.0	28.0
1932	18.0	14.0	12.3	10.8	11.0	11.9	13.3	16.8	18.7	23.7	25.3	23.3
1933	21.5	11.2	11.8	10.7	12.8	13.4	15.0	17.1	18.5	23.6	26.5	22.0
1934	15.6	13.0	12.0	12.3								
Texas												
1928	38.0	22.0	19.0	19.0	20.0	20.0	21.0	23.0	27.0	31.0	35.0	40.0
1929	30.0	27.0	20.0	20.0	20.0	21.0	22.0	24.0	29.0	33.0	36.0	46.0
1930	37.0	32.0	19.0	19.0	17.0	15.0	16.0	17.0	21.0	23.0	24.0	27.0
1931	18.0	10.0	14.0	12.5	10.4	11.7	11.7	12.1	14.9	18.4	21.3	27.2
1932	14.1	9.4	7.0	7.0	6.9	7.7	7.7	10.8	13.3	17.9	20.4	26.2
1933	18.4	8.4	7.0	7.4	9.1	8.1	9.6	11.4	13.2	16.6	20.3	22.2
1934	17.3	12.3	11.4	11.4								
Utah												
1928	34.0	27.0	20.0	19.0	20.0	20.0	23.0	25.0	27.0	34.0	39.0	40.0
1929	38.0	33.0	28.0	20.0	20.0	23.0	26.0	29.0	32.0	36.0	42.0	41.0
1930	32.0	29.0	21.0	20.0	19.0	19.0	18.0	20.0	26.0	28.0	30.0	24.0
1931	18.0	13.0	13.8	13.8	14.6	13.6	15.0	17.9	22.0	25.0	27.0	28.0
1932	22.0	13.0	12.0	10.0	11.0	12.0	12.0	14.0	15.8	21.0	25.3	26.0
1933	24.6	11.4	10.7	10.7	12.0	12.3	12.4	13.3	16.1	21.8	22.1	22.1
1934	16.4	12.9	12.1	12.0								
Washington												
1928	33.0	27.0	22.0	22.0	22.0	24.0	27.0	30.0	37.0	40.0	43.0	43.0
1929	32.0	33.0	28.0	23.0	24.0	26.0	29.0	32.0	38.0	46.0	47.0	44.0
1930	35.0	31.0	25.0	24.0	24.0	22.0	22.0	23.0	29.0	31.0	34.0	22.0
1931	19.0	15.0	15.7	16.3	14.4	14.5	16.9	20.7	23.3	29.9	29.0	27.0
1932	18.1	14.5	14.0	12.0	11.6	12.7	12.9	17.0	18.8	23.5	25.3	24.5
1933	21.0	12.6	12.8	12.5	13.5	14.6	15.5	16.5	19.7	24.5	26.1	21.4
1934	16.9	15.5	14.5	14.5								

Source of data:

U. S. D. A. Crops and Markets, monthly issues.

Truck Rates

Most eggs consumed in the Los Angeles area are brought in by truck. The map shows the rates of common-carrier trucking companies though most eggs are brought in by pick-up men, peddlers, wholesalers, and producers' cooperatives with contract carriers probably next in importance. Many truckers hauling from outside the state take title to the eggs and receive no payment for hauling as such but rely on the profit made on the sale of eggs hauled.

EGG RATES PER CWT.
FROM AND TO LOS ANGELES
BY COMMON-CARRIER TRUCK

Source of data.--
Official tariffs of the Southern California Freight Lines and Motor Freight Terminal Company of the Pacific Freight Lines System. Rates include pick-up and delivery.

Adequate figures on hauling costs and contract rates are not available at present. Contract rates are being quoted from San Francisco to Los Angeles at 40 cents per cwt. and from Portland to Los Angeles under refrigeration at 65 cents per cwt. Contract rates vary considerably with particular circumstances. The trucking code may introduce some degree of stability in the rate structure where truckers are not hauling goods which they own.

TABLE 11

Average Farm Price Received for Market Eggs
in Southern California by Counties

(Cents per dozen)

Counties	1927	1928	1929	1930	1931	1932	1933
Madera	--*	--	--	--	--	--	--
Fresno	25.6	--	--	--	--	--	--
Kings	--	--	29.7	19.6	17.0	--	--
Tulare	24.0	26.6	30.2	21.2	--	--	--
Kern	24.9	27.5	33.6	27.1	18.2	--	--
San Luis Obispo	--	--	--	22.5	--	17.2	--
Santa Barbara	--	--	--	--	--	--	--
Ventura	28.4	29.6	34.8	26.1	--	--	--
Los Angeles	--	--	33.7	31.8	21.6	20.4	19.5
Riverside	--	--	31.7	--	19.2	17.2	--
San Bernardino	--	28.4	30.8	26.5	20.9	18.2	17.9†
Orange	25.1	29.8	33.3	25.6	20.5	18.1	--
San Diego	--	29.1	31.7	25.9	20.0	20.8	--
Imperial	24.3	--	--	--	--	--	--

* Dashes indicate no data available.

† Average price received for all eggs including hatching eggs.

Source of data:

Records kept by producers cooperating with county farm advisors.

VI

During the past five years receipts from outside of California have accounted for from 5 to 17 per cent of the estimated total receipts on the Los Angeles market. The percentages are probably less than indicated owing to the impossibility of obtaining accurate reports on egg receipts. So many eggs are produced and marketed outside of the wholesale channels that it is a problem to work out any accurate index of receipts originating within California.

By far the larger amounts of egg receipts from outside of California originate in the other western states. There is a tendency for outside receipts to be larger in the six months beginning in March.

TABLE 12

Origin of Receipts of Eggs at Los Angeles, 1929-1933

(Cases)

Month	Origin				Total
	Atlantic states	Central states	California	Other western states	
1929					
January	--*	--	46,764	4,057	50,821
February	--	--	45,302	59	45,361
March	--	--	78,535	4,374	82,909
April	--	512	92,360	10,609	103,481
May	--	2,910	82,515	14,662	100,087
June	--	--	65,973	17,224	83,197
July	--	--	58,824	9,552	68,376
August	--	--	45,917	9,053	54,970
September	1,008	--	31,840	5,900	38,748
October	--	--	33,919	9,839	43,758
November	--	--	29,333	4,018	33,351
December	--	--	29,562	628	30,190
Total	1,008	3,422	640,844	89,975	735,249
1930					
January	--	--	51,901	1,094	52,995
February	--	--	62,031	8	62,039
March	--	--	83,461	6,565	90,026
April	--	--	105,245	15,454	120,699
May	--	--	103,131	17,826	120,957
June	--	--	71,119	9,492	80,611
July	--	--	66,315	10,216	76,531
August	--	--	55,379	10,535	65,914
September	--	--	44,433	5,168	49,601
October	--	--	38,886	4,836	43,722
November	--	--	36,282	600	36,882
December	--	--	42,418	1,212	43,630
Total	--	--	760,601	83,006	843,607
1931					
January	--*	--	53,917	1,684	55,601
February	--	--	66,262	1,096	67,358
March	--	--	85,915	2,731	88,646
April	--	--	75,841	1,267	77,108
May	--	--	71,385	2,047	73,432
June	--	--	59,012	3,612	62,624
July	--	--	54,793	1,813	56,606
August	--	11	46,618	3,819	50,448
September	--	--	48,050	3,068	51,118
October	--	--	55,021	1,071	56,092
November	--	560	61,574	1,945	64,079
December	--	9,703	51,305	2,382	63,390
Total	--	10,274	729,693	26,535	766,502

Table 12 continued.

Month	Atlantic states	Central states	California	Other western states	Total
1932					
January	500	2,350	44,622	4,060	51,532
February	--	885	44,177	1,643	46,705
March	--	1,800	71,134	1,999	74,933
April	--	3,000	78,409	8,757	90,166
May	--	1,962	68,207	6,946	77,115
June	--	600	47,447	822	48,869
July	--	600	35,428	1,976	38,004
August	--	763	35,943	2,790	39,496
September	--	1,200	28,940	3,144	33,284
October	--	--	26,573	1,170	27,743
November	--	--	26,575	2,567	29,142
December	--	1,170	31,624	2,492	35,286
Total	500	14,330	539,079	38,366	592,275
1933					
January	--*	250	41,295	3,752	45,297
February	--	1,493	44,701	3,107	49,301
March	--	2,721	77,900	5,365	85,986
April	--	1,279	74,369	9,493	85,141
May	--	3,722	56,374	16,777	76,873
June	--	2,701	44,815	12,153	59,669
July	--	1,095	33,884	4,107	39,086
August	--	643	29,453	5,674	35,770
September	--	1,200	26,738	5,619	33,557
October	--	600	32,050	3,690	36,340
November	--	600	41,455	7,682	49,737
December	--	1,758	38,818	17,923	58,499
Total	--	18,062	541,852	95,342	655,256

* Dashes indicate no data reported.

Source of data:

Federal-State Market News Service, San Francisco office. Mimeo. Reports, Dairy and Poultry Products.

TABLE 13

Eggs: Production and Value, 1930-33, of States Reported Shipping into California in 1933

State and division	Production (millions)					Value per dozen				
	5-year average 1926-30	1930	1931	1932	1933	5-year average 1926-30	1930	1931	1932	1933
Nebraska	986	1,147	1,181	1,027	1,051	22.2	18.2	12.8	10.3	10.0
Illinois	1,627	1,707	1,703	1,606	1,597	25.8	21.7	16.1	12.5	11.9
Kansas	1,635	1,682	1,757	1,533	1,533	22.4	18.6	13.3	10.2	9.9
Missouri	2,271	2,260	2,286	2,076	2,024	23.5	19.8	14.2	11.0	10.3
Texas	1,723	1,805	1,900	1,803	1,723	23.2	20.7	13.8	10.2	10.8
Idaho	187	196	225	210	193	25.0	21.8	14.4	12.8	14.0
Wyoming	68	73	75	68	65	28.0	24.8	18.4	15.7	14.9
Colorado	317	340	333	289	271	26.0	22.6	16.2	12.8	12.5
New Mexico	75	79	83	79	82	28.2	25.0	18.1	14.3	14.3
Arizona	61	61	64	58	58	35.6	32.2	25.3	20.0	19.8
Utah	198	273	319	274	253	25.1	22.4	16.7	14.3	14.5
Nevada	25	26	30	27	23	29.7	27.6	19.9	17.9	18.4
Washington	808	888	923	858	817	28.1	25.8	18.8	15.7	16.4
Oregon	314	315	331	334	299	27.3	24.2	17.2	15.0	15.5
California	1,798	2,090	2,276	1,997	1,801	29.1	26.6	19.9	17.2	17.2
Western	4,030	4,516	4,835	4,344	4,017	28.0	25.4	18.7	15.9	16.3
United States	32,048	33,529	34,442	32,308	31,813	26.9	23.5	17.3	13.9	13.6

Source of data:

U. S. Dept. Agr. Crops and Markets 11, p. 115. 1934.

Total shipments of eggs from California reached a peak in 1928 (table 14). This movement remained on a high level through three years. The trend in total California shipments was decidedly downward from 1930 through 1933.

Shipments of eggs from southern California points have never accounted for a large part of the state's total shipments. From 1930 through 1933 shipments to outside states from southern California points dwindled to almost nothing.

TABLE 14

Carlot Shipments of Eggs from California
1925-1933

Month	1925	1926	1927	1928	1929	1930	1931	1932	1933	Total
January	133	168	143	170	121	136	152	78	52	1,153
February	166	154	146	213	225	210	157	102	65	1,438
March	101	124	172	268	249	161	218	88	84	1,465
April	50	103	140	228	195	176	211	103	61	1,267
May	55	66	133	223	163	122	175	97	53	1,087
June	72	84	104	162	129	115	107	81	62	916
July	77	66	116	113	113	137	146	98	72	938
August	57	85	133	167	150	162	141	119	65	1,079
September	71	142	167	187	154	172	130	127	84	1,234
October	123	142	181	181	184	195	158	158	101	1,423
November	127	163	190	179	175	270	114	157	93	1,468
December	163	178	162	147	142	190	87	122	62	1,253
Total	1,195	1,475	1,787	2,238	2,000	2,046	1,796	1,330	854	14,721
Total from Southern California points	31	75	51	157	97	101	29	23	3	--

Sources of data:

1925-1927: American Creamery and Poultry Produce Review, March issues; tables based on statistics issued by U. S. D. A., Bur. Agr. Econ.

1928-1933: Federal-State Market News Service, San Francisco office. Mimeo. reports, weekly review, Dairy and Poultry Products.

Table 15 shows not only the origin of out-of-state shipments from southern California points but the destinations as well. The larger part of the eggs shipped out have been sent from Los Angeles or Riverside. During the three years 1931-1933 the Atlantic coast states received all of the out-of-state shipments from southern California. Prior to 1931 Arizona received sizable shipments from southern California, particularly those originating in Riverside.

TABLE 15

Carlot Movement of Eggs from Southern California Points, Showing Destination by Geographical Divisions 1929-1933

Month	Origin	Destination			Total
		Atlantic states	Central states	Other western states	
		1929			
January	--*	--	--	--	--
February	Los Angeles	1	--	2	3
	Riverside	3	--	--	3
March	Los Angeles	2	--	--	2
	Riverside	7	--	--	7
April	Los Angeles	--	--	1	1
May	--	--	--	--	--
June	--	--	--	--	--
July	Riverside	--	--	2	2
August	Los Angeles	--	--	2	2
	Riverside	--	--	2	2
September	Los Angeles	3	--	1	4
	Riverside	--	2	7	9
October	Los Angeles	2	5	1	8
	Riverside	--	3	8	11
November	Los Angeles	2	--	2	4
	Redlands	--	1	--	1
	Riverside	12	2	--	14
	San Diego	--	--	1	1
December	Los Angeles	12	2	--	14
	Riverside	6	--	3	9
January-December	Los Angeles	22	7	9	38
	Redlands	--	1	--	1
	Riverside	28	7	22	57
	San Diego	--	--	1	1
	Total, So. Calif.	50	15	32	97
		1930			
January	Riverside	2	1	2	5
February	Los Angeles	1	--*	--	1
	Riverside	2	--	--	2
March	--	--	--	--	--
April	--	--	--	--	--
May	--	--	--	--	--
June	Riverside	1	--	--	1
July	--	--	--	--	--
August	Los Angeles	1	--	1	2
	Riverside	--	1	1	2
September	Los Angeles	--	--	1	1
	San Bernardino	1	--	--	1
October	Los Angeles	4	1	1	6
	Riverside	3	1	1	5
	San Bernardino	1	1	--	2

(Table continued on next page)

Table 15 continued.

Month	Origin	Destination			Total
		Atlantic states	Central states	Other western states	
November	Los Angeles	32	2	1 †	35
	Pasadena	1	--	--	1
	Riverside	8	--	2	10
	San Bernardino	--	1	--	1
December	Los Angeles	14	1	1	16
	Pasadena	1	1	--	2
	Riverside	5	--	2	7
	San Diego	1	--	--	1
January-December	Los Angeles	52	4	5	61
	Pasadena	2	1	--	3
	Riverside	21	3	8	32
	San Bernardino	2	2	--	4
	San Diego	1	--	--	1
	Total, So. Calif.	78	10	13	101
1931					
January	Los Angeles	4	--*	1	5
	Riverside	2	--	--	2
February	--	--	--	--	--
March	Los Angeles	3	3	--	6
	Riverside	2	--	--	2
	San Diego	1	--	--	1
April	Los Angeles	--	1	--	1
May	Riverside	3	--	--	3
	San Gabriel	2	--	--	2
June	Los Angeles	--	1	--	1
July	--	--	--	--	--
August	--	--	--	--	--
September	Los Angeles	1	--	--	1
October	Los Angeles	1	1	--	2
	Riverside	3	--	--	3
November	--	--	--	--	--
December	--	--	--	--	--
January-December	Los Angeles	9	6	1	16
	Riverside	10	--	--	10
	San Diego	1	--	--	1
	San Gabriel	2	--	--	2
	Total, So. Calif.	22	6	1	29
1932 †					
October	Los Angeles	5	--	--	5
November	Los Angeles	6	--	--	6
December	Los Angeles	11	1	--	12
October-December	Los Angeles	22	1	--	23

(Table continued on next page)

Month	Origin	Destination			Total
		Atlantic states	Central states	Other western states	
		1933 ‡			
June	Los Angeles	1	--	--	1
October	Los Angeles	2	--	--	2
June and October	Los Angeles	3	--	--	3

* Dashes indicate no data reported.

† No shipments prior to October for 1932.

‡ Shipments for 1933 made only during June and October. (Shipments by boat included.

Source of data:

Federal-State Market News Service, San Francisco office. Mimeo. reports, weekly review, Dairy and Poultry Products.

Cold storage holdings of shell eggs at Los Angeles and San Diego are given in tables 16 and 17. The peak in holdings is generally reached during July.

TABLE 16

Cold Storage Holdings of Shell Eggs at
Los Angeles, 1924-1934*
(thousand cases, i.e. 000 omitted)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1924	27	9	4	52	146	208	262	275	258	198	138	77
1925	7	0	1	38	105	170	224	245	232	190	138	80
1926	32	1	6	63	114	189	240	252	244	198	142	84
1927	19	1	6	68	121	174	218	228	208	171	119	48
1928	8	0	27	100	170	272	255	262	241	191	107	40
1929	5	0	4	38	91	170	213	231	222	178	115	57
1930	11	0	26	81	167	229	276	295	290	253	185	116
1931	34	5	23	86	160	201	223	217	196	148	94	55
1932	11	1	6	53	117	171	199	199	181	146	91	28
1933	1	0	6	72	120	178	201	198	171	124	77	24
1934	3	0	20	88	138							

* Data for day nearest the first of each month.

Source of data:

U. S. D. A., Bur. Agr. Econ.

TABLE 17

Cold Storage Holdings of Shell Eggs at San Diego, 1924-1934*

(thousand cases, i.e. 000 omitted).

Year	Jan.*	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1924	10	1	0	5	13	18	20	20	19	14	11	6
1925	1	0	3	11	20	27	29	30	28	25	20	11
1926	3	1	2	11	18	23	25	25	23	17	12	4
1927	1	0	3	10	17	26	29	30	29	24	18	13
1928	2	0	3	10	17	23	26	25	21	16	10	3
1929	0	0	0	3	8	12	14	14	11	9	4	1
1930	0	0	1	8	14	17	20	20	19	15	11	7
1931	2	2	2	7	11	15	15	15	14	9	6	2
1932	0	0	1	7	11	15	17	18	16	12	7	2
1933	0	0	1	4	8	13	15	15	13	10	5	2
1934	0	0	2	5	11							

* Data for day nearest the first of each month.

Source of data:

U. S. D. A. Bur. Agr. Econ.

Trade Output of Eggs

Information on the seasonal consumption of eggs would be highly desirable could the data be determined accurately. The impossibility of obtaining an accurate report on egg receipts is responsible for this situation. This is further complicated by the fact that large distributors of eggs in the Los Angeles market may have their places of business in adjoining cities and do not report their receipts to the Bureau of Agricultural Economics. In addition there are producers and hucksters who deliver direct to the retailer and consumer and those who produce their own eggs and poultry within the city limits. So many eggs are produced and marketed outside of the wholesale channels that it is a problem to work out any accurate index of trade output.

VII

Poultrymen are interested in the relationship between feed and egg prices. With poultrymen in widely scattered sections and with feeds bought under different conditions it is difficult to assume any set price for all poultrymen. In table 18 the feed prices used in the calculations are those published by the Poultrymen's Cooperative Association of Southern California.

Egg prices bring up even greater difficulties in making calculations. No poultryman ordinarily produces large, pullet or small eggs exclusively. Furthermore egg grades have changed. The egg prices used in making the calculations in table 18 were taken from tables 1 and 5. Attention is called to the change in quotations on February 16, 1931 making comparisons of the egg-feed ratio before and after this date impossible.

The cost of 100 pounds of the following ration:

Grain	Mash
12.5 pounds wheat	20 pounds bran
12.5 pounds corn	10 pounds corn meal
12.5 pounds barley	10 pounds barley
12.5 pounds milo	5 pounds meat scrap
	5 pounds fish scrap
50 pounds	50 pounds

is shown in table 18. The feed prices are those charged members of the Poultrymen's Cooperative Association at Los Angeles. Up to February, 1931 the number of dozen of "fresh extra eggs" which the 100 pounds of feed would purchase is shown. After February, 1931 the number of dozen "candled fresh clean large extra" eggs is given.

Data on the cost of feed and the egg-feed price ratio at San Diego are given in table 19. The data are not comparable with those at Los Angeles. The mash used in the ration is that which has been sold by San Diego Cooperative Poultry Association and is not the same as that which has been used in the computations for Los Angeles. Furthermore egg prices at San Diego and Los Angeles vary.

TABLE 18

(1) Cost of Poultry Ration at Los Angeles, 1923-1934*
(2) Egg-Feed Price Ratio at Los Angeles, 1923-1934

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
1. Poultry ration in dollars													
1923	2.16	2.33	2.38	2.43	2.43	2.36	2.31	2.33	2.37	2.40	2.37	2.29	2.35
1924	2.29	2.32	2.29	2.28	2.29	2.44	2.66	2.72	2.69	2.70	2.71	2.78	2.28
1925	2.97	2.99	2.80	2.57	2.66	2.71	2.65	2.71	2.60	2.47	2.46	2.48	2.47
1926	2.45	2.38	2.25	2.20	2.22	2.22	2.26	2.26	2.23	2.25	2.22	2.19	2.08
1927	2.24	2.28	2.28	2.33	2.52	2.61	2.56	2.54	2.54	2.48	2.44	2.44	2.24
1928	2.52	2.49	2.66	2.67	2.63	2.59	2.56	2.48	2.41	2.43	2.43	2.43	2.32
1929	2.49	2.48	2.43	2.40	2.36	2.34	2.42	2.48	2.45	2.41	2.37	2.34	2.22
1930	2.34	2.30	2.24	2.24	2.26	2.25	2.19	2.19	2.15	2.01	1.92	1.86	2.01
1931	1.78	1.74	1.66	1.72	1.73	1.66	1.62	1.55	1.49	1.51	1.62	1.61	1.64
1932	1.61	1.57	1.53	1.50	1.46	1.41	1.38	1.38	1.32	1.26	1.22	1.22	1.40
1933	1.19	1.20	1.24	1.33	1.46	1.47	1.50	1.50	1.45	1.40	1.35	1.35	1.37
1934	1.50	1.45	1.45	1.49									

(Table continued on next page)

Table 18 continued

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
2. Egg-feed price ratio -- in dozens													
1923	5.26	8.33	8.86	8.28	8.01	7.71	7.56	6.19	4.93	4.23	4.21	4.68	6.52
1924	5.72	8.42	8.83	8.39	8.23	7.36	7.72	7.19	5.94	4.92	4.83	5.70	6.94
1925	5.58	8.58	8.91	8.25	8.04	7.53	6.64	6.28	5.57	4.60	4.71	5.49	6.68
1926	7.55	8.39	8.19	7.52	7.34	6.81	6.60	5.77	5.04	4.42	4.03	4.59	6.35
1927	6.89	9.12	9.76	9.94	10.81	10.29	9.65	7.57	6.33	5.40	5.13	6.02	8.08
1928	7.60	10.06	10.64	10.51	10.30	9.51	8.23	6.80	5.62	5.04	4.82	5.61	7.90
1929	6.57	8.90	8.74	8.12	7.25	6.81	6.46	5.96	5.18	4.82	4.87	5.39	6.59
1930	6.37	8.73	8.62	8.65	8.74	9.21	7.95	7.25	5.95	5.24	5.55	7.09	7.45
1931	7.52	9.13†	8.27	8.91	9.18	8.25	6.60	5.34	4.53	4.32	4.92	5.00	†
1932	7.02	9.03	8.84	8.81	8.56	8.22	6.90	6.23	4.96	4.26	3.92	4.27	6.75
1933	4.65	7.60	7.72	8.18	8.23	8.56	7.34	6.32	5.35	4.67	4.85	5.42	6.57
1934	7.17	8.15	8.27	8.04									

* Poultry ration consists of 50 pounds mash (20 pounds bran, 10 pounds corn meal, 10 pounds ground barley, 5 pounds meat scrap, 5 pounds fish scrap) and 50 pounds grain (equal parts of corn, barley, milo and wheat.)

† Ratios before and after February, 1931 are not comparable because of changes in egg grades. No average for 1931 is listed because of this difference in egg grades.

Source of data:

Computations by authors based upon feed prices furnished by Poultrymen's Cooperative Association of Southern California. Egg quotations used in computations are those issued by the Produce Exchange of Los Angeles.

TABLE 19

(1) Cost of Poultry Ration at San Diego, 1925-1934*
(2) Egg-Feed Price Ratio at San Diego, 1925-1934

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
1. Poultry ration in dollars													
1925	2.76	2.82	2.71	2.56	2.58	2.62	2.60	2.65	2.56	2.48	2.53	2.43	2.61
1926	2.43	2.42	2.26	2.24	2.17	2.21	2.31	2.16	2.15	2.13	2.13	2.13	2.23
1927	2.15	2.18	2.21	2.15	2.34	2.39	2.39	2.40	2.37	2.34	2.31	2.31	2.30
1928	2.33	2.39	2.47	2.55	2.49	2.49	2.49	2.36	2.33	2.35	2.33	2.32	2.41
1929	2.33	2.38	2.38	2.28	2.28	2.22	2.29	2.50	2.50	2.45	2.38	2.37	2.36
1930	2.34	2.29	2.25	2.21	2.19	2.10	2.05	2.14	2.06	1.94	1.90	1.88	2.11
1931	1.80	1.70	1.62	1.63	1.69	1.53	1.50	1.41	1.39	1.39	1.49	1.44	1.55
1932	1.43	1.41	1.39	1.32	1.31	1.22	1.18	1.21	1.21	1.18	1.11	1.10	1.26
1933	1.07	1.10	1.11	1.23	1.36	1.36	1.53	1.48	1.48	1.39	1.38	1.42	1.33
1934	1.42	1.40	1.40	1.37									

(Table continued on next page)

Table 19 continued:

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av.
2. Egg-feed price ratio -- in dozens													
1925	5.31	10.07	8.74	9.14	8.32	7.71	7.22	6.79	5.57	4.51	5.06	5.79	7.02
1926	7.84	8.64	8.69	8.30	7.75	7.37	6.79	5.84	4.89	4.02	4.30	5.01	6.62
1927	6.94	8.72	9.21	8.60	9.36	9.76	9.19	7.27	5.93	5.14	5.31	5.85	7.61
1928	7.77	10.17	10.29	10.63	10.16	9.05	8.03	6.56	5.55	4.90	4.66	5.59	7.78
1929	6.66	8.81	9.15	8.06	7.24	6.73	6.19	5.95	5.32	4.90	5.12	5.71	6.65
1930	6.69	9.16	8.65	8.84	8.76	8.75	7.74	7.13	5.28	5.17	5.94	8.55	7.56
1931	8.57	9.71	9.00	9.88	9.94	8.74	6.12	4.95	4.41	4.21	4.81	4.80	7.10
1932	6.81	9.40	9.27	8.80	8.73	7.97	6.21	5.50	4.65	4.21	3.92	4.07	6.63
1933	3.57	7.86	8.22	8.79	8.61	8.89	8.74	6.95	5.69	4.96	5.37	6.31	7.00
1934	7.00	9.03	9.15	8.56									

* Poultry ration consists of 50 pounds "Association" egg mash and 50 pounds of grain (equal parts of corn, barley, milo and wheat).

Source of data:

Computations by authors based upon net feed prices published in San Diego Poultry Journal.

VIII

PRODUCE EXCHANGE OF LOS ANGELES TRANSACTIONS

Total Eggs Sold on the Exchange

1931	11,855 cases
1932	13,715 cases
1933	4,785 cases
1934 to Apr. 24	9,430 cases

TABLE 20

Monthly Volume of Eggs Sold on Produce Exchange of Los Angeles by Grades, Mar.-Dec. 1931 (cases)

	Large*					Medium*					Small*	
	#1	#2	#3	#4	#5	#1	#2	#3	#4	#5	#1	#2
March	240	--	180	--	10	--	30	--	--	--	--	5
April	620	--	110	1	--	180	10	--	30	--	35	--
May	850	80	180	--	20	40	10	10	--	10	10	--
June	340	10	40	--	10	160	20	30	--	--	170	--
July	260	--	20	--	15	430	20	--	--	--	265	--
August	410	--	30	--	5	1,110	--	--	--	5	124	15
September	--	--	--	--	15	500	--	20	--	30	230	--
October	520	--	--	--	--	860	--	--	--	--	335	--
November	140	--	--	--	--	840	--	--	--	--	275	5
December	100	--	--	--	--	260	--	--	--	--	90	--

* For grades see tables 5, 6, and 7.
Source of data: Records of Produce Exchange of Los Angeles.

TABLE 21

All Sales on Produce Exchange of Los Angeles, 1933

(Note - The prices on certain sales are listed)

Date	Large*					Medium*					Small *	
	#1	#2	#3	#4	#5	#1	#2	#3	#4	#5	#1	#2
Jan.												
3	10 @ 31.5	0	0	0	0	0	0	0	0	0	0	0
3	30 @ 31											
4	0	0	0	0	0	0	0	0	0	0	5	0
5	0	0	0	0	0	0	0	0	0	0	5	0
6	20 @ 35	0	0	0	0	0	0	0	0	0	0	0
6	10 @ 34.5											
6	50 @ 34											
6	30 @ 33.5											
9	10 @ 33	0	0	0	0	10 @ 32	0	0	0	0	10 @ 31	0
9						10 @ 33						
11	0	0	0	0	0	20 @ 31	0	0	0	0	5 @ 30	0
11						60 @ 30.5						
12	0	0	0	0	0	10 @ 28	0	0	0	0	0	0
13	20 @ 29	0	0	0	0	0	0	0	0	0	0	0
13	20 @ 30											
16	0	0	0	0	0	0	0	0	0	0	5 @ 25	0
17	20 @ 23.5	0	0	0	0	0	0	0	0	0	0	0
17	20 @ 24											
20	50 @ 23.5	0	0	0	0	10 @ 21	0	0	0	0	0	0
20	50 @ 24											
23	20 @ 20	0	0	0	0	0	0	0	0	0	0	0
23	10 @ 21											
24	10 @ 18	0	0	0	0	40 @ 16	0	0	0	0	0	0
24						20 @ 17						
25	0	0	0	0	0	0	0	0	0	0	5	0
30	40	0	0	0	0	10	0	0	0	0	0	0
31	10	0	0	0	0	70	0	0	0	0	0	0
Feb.												
3	190	0	0	0	0	10	0	0	0	0	0	0

(Table continued on next page)

Table 21 continued:

Date	Large*					Medium*					Small*	
	#1	#2	#3	#4	#5	#1	#2	#3	#4	#5	#1	#2
Feb.												
6	0	0	0	0	0	120	0	0	0	0	0	0
9	80	0	0	0	0	0	0	0	0	0	0	0
10	160	0	0	0	5	0	0	0	0	0	0	0
14	0	0	0	0	16	0	0	0	0	0	0	0
16	10	0	0	0	0	10	0	0	0	0	0	0
23	250	0	0	0	0	0	0	0	0	0	0	0
24	30	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	10	0	0	0	0	0	0
28	120	0	0	0	0	0	0	0	0	0	0	0
Mar.												
21	40	0	0	0	0	0	0	0	0	0	10	0
24	60	0	0	0	0	0	0	0	0	0	0	0
28	0	0	10	0	0	0	0	0	0	0	0	0
29	20	0	0	0	0	0	0	0	0	0	5	0
31	20	0	0	0	0	20	0	0	0	0	0	0
Apr.												
1	20 @ 15.5	0	0	0	0	0	0	0	0	0	0	0
1	20 @ 16											
3	0	0	30 @ 14.5	0	0	0	0	0	0	0	0	0
3			10 @ 14									
3			10 @ 15									
5	20@15.5	0	0	0	0	0	0	0	0	0	0	0
5	20@16	0	0	0	0	0	0	0	0	0	0	0
25	0	0	20 @ 15.5	0	0	0	0	0	0	0	0	5 @ 12
25			10 @ 16									5 @ 12.5
25												5 @ 13.0
May												
8	10	0	0	0	0	0	0	0	0	0	0	0
11	0	0	80	0	0	0	0	0	0	0	0	0
12	0	0	60	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	5	0
22	0	0	40	0	0	0	0	0	0	0	0	0
23	0	0	60	0	0	0	0	0	0	0	0	0

(Table continued on next page)

Table 21 continued:

Date	Large*					Medium*					Small*	
	#1	#2	#3	#4	#5	#1	#2	#3	#4	#5	#1	#2
May												
24	0	0	60	0	10	20	0	0	0	0	10	0
26	0	0	90	0	0	0	0	0	0	0	0	0
29	0	0	140	0	0	0	0	0	0	0	0	0
June												
27	40	0	0	0	0	0	0	0	0	0	0	0
29	20	0	0	0	0	0	0	0	0	0	0	0
30	60	0	0	0	0	0	0	0	0	0	0	0
July												
14	20	0	0	0	0	40	0	0	0	0	0	0
17	20	0	0	0	20	0	0	0	0	0	0	0
Aug.												
4	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	100	0	0	0	0	0	0
19	10	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	120	0	0	0	0	0	0
Sept.												
11	0	0	0	0	0	0	0	0	0	0	25	0
15	50	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	20	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	20	0
22	0	0	0	0	0	40	0	0	0	0	0	0
25	0	0	0	0	0	20	0	0	0	0	0	0
26	10	0	0	0	0	0	0	0	0	0	0	0
27	0	0	10	0	0	20	0	0	0	0	0	0
Oct.												
3	0	0	0	0	0	20 @ 21.5 20 @ 22	0	0	0	0	0	0
3												
4	10 @ 27.5 20 @ 28	0	0	0	0	0	0	0	0	0	0	0
4												
5	0	0	0	0	0	20 @ 21.5 20 @ 22	0	0	0	0	0	0
5												

(Table continued on next page)

Table 21 continued:

Date	Large*					Medium*					Small*	
	#1	#2	#3	#4	#5	#1	#2	#3	#4	#5	#1	#2
Oct.												
11	0	0	0	0	0	0	0	0	0	0	25 @ 16	0
11											10 @ 16.5	
17	20 @ 31	0	0	0	0	40 @ 23	0	0	0	0	15 @ 16	0
17						20 @ 22.5					25 @ 16.5	
17											5 @ 17	
20	0	0	0	0	0	10 @ 22.5	0	0	0	0	0	0
20						10 @ 23						
27	0	0	0	0	0	0	0	0	0	0	30 @ 18	0
27											35 @ 18.5	
27											5 @ 19	
31	0	0	0	0	0	30 @ 23	0	0	0	0	0	0
31						90 @ 23.5						
31						30 @ 24						
Nov.												
1	40	0	0	0	0	0	0	0	0	0	0	0
2	10	0	0	0	0	0	0	0	0	0	0	0
3	130	0	0	0	0	0	0	0	0	0	0	0
7	20	0	0	0	0	0	0	0	0	0	0	0
8	20	0	0	0	0	0	0	0	0	0	0	0
14	10	0	0	0	0	0	0	0	0	0	0	0
16	90	0	0	0	0	0	0	0	0	0	0	0
22	20	0	0	0	0	0	0	0	0	0	0	0
23	20	0	0	0	0	0	0	0	0	0	0	0
24	70	0	0	0	0	0	0	0	0	0	0	0
Dec.												
1	40											
4	20											
5	0	0	0	0	0	20						
6							10					
7	40											
12											10	
21											10	
28											15	

Table 21 continued:

Date	Large*					Medium*					Small*	
	#1	#2	#3	#4	#5	#1	#2	#3	#4	#5	#1	#2
Dec. 29	100										15	
Total	2,490	0	640	0	45	1,220	0	10	0	0	365	15

* See tables 5, 6 and 7. Case count transactions started in 1934. The following is the record of transactions in April, 1934.

April 12	10 @ 15.5	April 23	20 @ 15.5
12	10 @ 16.0	23	10 @ 16.0
13	20 @ 15.5	23	10 @ 16.0
16	10 @ 15.5	24	10 @ 15.0
23	10 @ 15.0	24	30 @ 15.5

Source of data: Records of Produce Exchange of Los Angeles.

TABLE 22

(1) Number of Establishments Handling Eggs by Types and Kinds of Business in Los Angeles, 1930
(2) Wholesale Egg Trade, California and Los Angeles, 1930

1. Number of establishments, by type and kind of business				
	Meat and meat products	Dairy and poultry products	Poultry and poultry products	Dairy products
Wholesale merchants including jobbers	30	2	31	9
Wagon distributors	--	--	3	6
Chain store warehouses	2	--	--	--
Manufacturer's sales branches	7	--	1	7
Brokers	--	2	1	2
Manufacturers' agents	--	--	--	1
All other	2	--	--	3

2. Wholesale egg trade		
	California	Los Angeles
Number of establishments	60	21
Number of employees	817	152
Salaries and wages	$ 1,037,894	192,948
Total expenses (including salaries and wages)	2,042,611	354,821
Stocks on hand end of year (at cost)	1,051,279	430,679
Net sales	32,837,673	5,348,904
Credit sales	23,379,535	3,902,560
Sales to ultimate consumers (at retail)	2,229	2,220

Source of data:

Fifteenth Census of the U. S. Census of Distribution, 1930.
Wholesale Trade Bulletin -- California (State Series) pp. 26, 50.

IX

TRADE CHANNELS FOR EGGS PRODUCED AND SOLD IN SOUTHERN CALIFORNIA PARTICULARLY IN THE LOS ANGELES AREA

Producer's Outlets

Producers individually sell their eggs in the following ways:

1. To consumers
   a. At producer's ranch
   b. Delivered to consumer's home

2. To retailers (grocers, feed dealers, and general stores)
    a. At producer's ranch
    b. Delivered to store
        1. In exchange for merchandise
        2. Sold for cash
3. To restaurants
4. To pick-up men at producer's ranch
5. To peddlers
    a. At producer's ranch
    b. Delivered to peddler's plant
6. To wholesalers
    a. At producer's ranch
    b. Delivered to wholesale plant

Sources of Supply and Outlets

Producers Cooperatives [3]

Sources [4]	Outlets
1. Producers	1. Peddlers
2. Other cooperatives	2. Other cooperatives
	3. Retailers
	4. Bakeries
	5. Restaurants
	6. Government departments
	7. Wholesalers

Retailers

Sources	Outlets
1. Producers	1. Consumers
2. Pick-up men	2. Pick-up men
3. Peddlers	3. Peddlers
4. Wholesalers	4. Wholesalers
5. Cooperatives	

Pick-up Men

Sources	Outlets
1. Producers	1. Wholesalers
2. Retailers	2. Retailers
	3. Restaurants
	4. Bakeries

Peddlers

Sources	Outlets
1. Producers	1. Retailers
2. Other peddlers	2. Restaurants
3. Retailers	3. Bakeries
4. Wholesalers	4. Consumers
	5. Roadside stands
	6. Other peddlers
	7. Wholesalers

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[3] Seven California cooperatives are selling in southern California.

[4] Some purchases made on Produce Exchange of Los Angeles as a price stabilizing policy.

Wholesalers

Sources	Outlets
1. Pick-up men	1. Retailers
2. Peddlers	2. Restaurants
3. Producers	3. Bakeries
a. Directly	4. Creameries
b. Through a cooperative	5. Other wholesalers
4. Other wholesalers	6. Peddlers

Trade Channels for Eggs Sold in Southern California but Produced in Northern California and in Other States

Shipped into southern California by:	Sold in southern California by:
1. Producer's cooperatives [5]	1. Producer's cooperatives
2. Wholesalers	2. Wholesalers
3. Pick-up men	3. Brokers
	4. Agents
	5. Pick-up men

The producer's cooperatives sell these eggs through their regular channels of trade. Wholesalers sell some through their regular channels for distribution of shell eggs and the balance are broken and sold as canned eggs. Brokers usually sell to wholesalers but at times they sell to roadside stands. Agents sell to wholesalers. Pick-up men, bringing in eggs from some distance, usually obtain them from retailers and sell them to wholesalers, specialized egg breakers and peddlers. This type of pick-up man is usually known as a trucker.

Types of Egg Dealers in Southern California

Pick-up man.-- One who buys from the producer and sells practically all he picks up to a wholesaler. He ordinarily buys eggs graded by the producer into three sizes which are usually called numbers 1, 2, and 3 or large, medium and small. He sells to the wholesaler in the same way or he may be docked for standards, bloods, trades, checks and dirties after the candling has been done. Pick-up men will sometimes attempt to get retailers, restaurants, etc. to buy of them since these pay a higher price than do the wholesalers; thus he may gradually change to the peddler type.

Although the pick-up man takes title to the eggs and is sometimes called a huckster, his chief function is that of hauling from the ranch to the concentration point in the city. He usually collects eggs from each of his stops, as they are called, twice per week. Three or four days are devoted to collecting and two or three days to hauling into the city. He usually delivers his load to one wholesaler though he has no contract and either party may discontinue business relationships at will.

The wholesaler pays at the time of delivery for the load minus dockage for the preceding load or for the previous load, dockage already considered. The pick-up man can sometimes pass these deductions on to the rancher when he pays him since payment is made at the time of pick-up for the preceding

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[5] Five out-of-state cooperatives sell in southern California. There are twelve cooperatives selling in southern California, selling through the local cooperative, broker, agent or direct to wholesaler, peddler or retailer.

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collection of eggs. Competitive conditions, volume of the producer, general quality of the eggs, in question, and bargaining abilities of the parties determine the extent of dockage. At present (April, 1934) some wholesalers have a policy of docking for all eggs in grades lower than represented while there seems to be considerable variation in passing this on to the producer.

The number of pick-up men in the Los Angeles area is relatively small.

Peddler.-- There are two types of peddlers. One type is not very numerous in the area. He does not contact the producer but secures his supply from the wholesaler and sells to retailers, restaurants and consumers.

The other type of peddler makes up the bulk of egg dealers in the Los Angeles area. He procures his supply from producers and deals with them just as a pick-up man. This type varies in size from one who grades eggs as to size and quality which he himself has picked up to one closely approximating the wholesaler. He sells principally to retailers, dairies, restaurants and bakeries, disposing of his surplus to other peddlers or wholesalers and supplying his emergency requirements by purchase from wholesalers. Some peddlers process and store eggs.

Wholesaler.-- These classifications merge into one another as may be expected. The chief distinctions between the peddler and the wholesaler, however, are that the former usually contacts the producer and the latter seldom does. The former procures his supply locally to a larger extent than the latter and the wholesaler usually operates on a large scale. The typical wholesaler processes for storage and often has a breaking department for canning eggs.

Producers' Cooperatives.-- These are organizations of producers formed to function on a cooperative basis. Services rendered to their members are not the same in all cases. They are distinctive enough not to require further elaboration. In the retail survey, in order merely not to disclose confidential information, cooperatives selling direct to retailers were grouped with the wholesalers.

Brokers.-- Usually bring buyer and seller together, though at times handle eggs on their own account. The buyer is typically a wholesaler and the seller is usually a cooperative or a wholesaler outside of southern California.

X

A retail survey of egg marketing in the Los Angeles area was made at the request of persons interested in the distribution of eggs in that region.

A total of 227 dozen eggs was purchased in Riverside, San Bernardino, and Los Angeles. An attempt was made to get a fair sample of different types of stores and all types of neighborhoods. There is no definite basis for classifying neighborhoods but in this case the judgment of three persons was used. At any rate other factors are probably more significant.

The stores were chosen at random while driving through the cities. At each store data used in this report were collected and one dozen of each variety of eggs handled was purchased.

Tables 23 to 31 indicate the retailers' selling prices, purchase prices and margins by grades. Large and medium extras only were found in all three cities.

Table 32 is a summary of retail prices on all eggs purchased and table 33 indicates the daily quotation of all grades on the Produce Exchange of Los Angeles during the period when these eggs were purchased by the retailers. Table 34 indicates the same type of relationship for several days preceding Easter Sunday. These eggs were not purchased, however.

TABLE 23

Distribution of Retailers' Selling Prices in Riverside and San Bernardino. Wednesday, April 18, 1934

1. Large extras				2. Medium extras				3. Small extras *			
Cents per dozen	Dozens			Cents per dozen	Dozens			Cents per dozen	Dozens		
	Loose	In carton	Total		Loose	In carton	Total		Loose	In carton	Total
19	0	1	1	17	1	0	1	13	0	1	1
20	4	2	6	18	2	4	6	14	1	0	1
21	4	6	10	19	2	1	3				
22	4	7	11	20	1	3	4				
23	2	2	4								
Total	14	18	32		6	8	14		1	1	2

* No small extras were obtained in Riverside.

Source of data:

Computation by authors based upon data collected April 18, 1934.

TABLE 24

Distribution of Retailers' Purchase Prices in Riverside and San Bernardino, Wednesday, April 18, 1934

1. Large extras				2. Medium extras				3. Small extras			
Cents per dozen	Dozens			Cents per dozen	Dozens			Cents per dozen	Dozens		
	Loose	In carton	Total		Loose	In carton	Total		Loose	In carton	Total
16.5	3	0	3	14.5	2	0	2	12	2	0	2
17	5	0	5	15	2	0	2				
17.5	12	0	12	15.5	8	0	8				
18	1	0	1	16	1	0	1				
18.5	5	1	6	16.5	1	0	1				
19	0	0	0								
19.5	0	0	0								
20	0	1	1								
Total	26*	2*	28*		14	0	14		2	0	2

TABLE 25

Distribution of Retailers' Margins in Riverside and San Bernardino, Wednesday, April 18, 1934

1. Large extras					2. Medium extras					3. Small extras †				
Cents per dozen	Dozens				Cents per dozen	Dozens				Cents per dozen	Dozens			
	Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total		Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total		Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total
1.5	0	1	0	1	2	1	0	0	1	1	0	1	0	1
2	0	0	0	0	2.5	2	3	0	5	2	1	0	0	1
2.5	4	1	0	5	3	1	1	0	2					
3	1	0	1	2	3.5	1	2	0	3					
3.5	1	5	1	7	4.5	0	1	0	1					
4	1	2	0	3	5.5	1	1	0	2					
4.5	4	3	0	7										
5	1	1	0	2										
5.5	1	0	0	1										
Total	13*	13*	2*	28*		6	8	0	14		1	1	0	2

(Footnotes for tables 24 and 25.)

* Purchase price was not reported for four dozen, one dozen of which was purchased loose and sold in carton, two dozen purchased in carton and sold in carton and one dozen purchased loose and sold loose.

† No small extras were purchased in Riverside.

Source of data: Computations by authors based upon data collected April 18, 1934.

TABLE 26

Distribution of Retailers' Selling Prices in Los Angeles
Thursday-Saturday, April 19-21, 1934

1. Large specials				2. Medium specials				3. Large extras			
Cents per dozen	Dozens			Cents per dozen	Dozens			Cents per dozen	Dozens		
	Loose	In carton	Total		Loose	In carton	Total		Loose	In carton	Total
21	1	0	1	20	1	0	1	18	0	1	1
22	1	0	1					18.5	1	0	1
23	0	0	0					19	1	2	3
24	1	3	4					19.5	3	0	3
25	0	2	2					20	4	10	14
26	1	2	3					20.5	0.	0	0
								21	4	11	15
								22	4	16	20
								22.5	1	0	1
								23	9	10	19
								24	2	8	10
								25	9	3	12
								26	0	3	3
								31	1	0	1
Total	4	7	11		1	0	1		39	64	103
4. Medium extras				5. Small extras				6. Peewee extras			
13.5	1	0	1	15	3	0	3	16	0	1	1
14	0	0	0	16	0	0	0				
15	0	0	0	17	2	0	2				
16	1	1	2	18	0	1	1				
17	1	0	1	19	0	1	1				
17.5	1	0	1	20	2	0	2				
18	0	3	3								
19	5	4	9								
20	4	4	8								
21	2	2	4								
22	1	0	1								
23	1	0	1								
Total	17	14	31		7	2	9		0	1	1
7. Large standards				8. Medium standards				9. Small standards			
18	2	0	2	16	1	0	1	15	1	0	1
19	1	1	2	17	2	0	2				
20	2	1	3	18	1	0	1				
21	0	1	1								
Total	5	3	8		4	0	4		1	0	1

(Table continued on next page)

Table 26 continued

10. Large dirties				11. Large checks				12. Medium checks			
Cents per dozen	Dozens			Cents per dozen	Dozens			Cents per dozen	Dozens		
	Loose	In carton	Total		Loose	In carton	Total		Loose	In carton	Total
16.5	1	0	1	16.5	1	0	1	14	1	0	1
17	1	0	1	17	1	0	1				
18	0	1	1	18	1	0	1				
19	0	0	0								
20	1	0	1								
Total	3	1	4		3	0	3		1	0	1

Source of data:
Computations by authors based upon data collected April 19-21, 1934.

TABLE 27

Distribution of Retailers' Purchase Prices in Los Angeles
Thursday-Saturday, April 19-21, 1934

1. Large specials				2. Medium specials				3. Large extras			
Cents per dozen	Dozens			Cents per dozen	Dozens			Cents per dozen	Dozens		
	Loose	In carton	Total		Loose	In carton	Total		Loose	In carton	Total
17.5	0	1	1	16.5	1	0	1	16	4	0	4
18.5	1	0	1					17	2	2	4
19	1	0	1					17.5	3	1	4
19.5	2	0	2					18	8	5	13
20	0	2	2					18.5	10	1	11
21.5	0	2	2					19	8	5	13
22	0	0	1					19.5	7	9	16
								20	5	6	11
								20.5	2	8	10
								21	1	1	2
								22.5	1	0	1
Total	4*	6	10*		1	0	1		51*	38*	89*
4. Medium extras				5. Small extras				6. Peewee extras			
12	1	0	1	13	3	0	3	12.5	0	1	1
13	0	0	0	13.5	1	0	1				
14	0	0	0	14	2	0	2				
15	0	0	0	15	1	1	2				
15.5	2	2	4	16	1	0	1				
16	8	2	10								
16.5	5	1	6								
17	1	3	4								
17.5	1	2	3								
18	0	2	2								
Total	18*	12	30*		8	1	9		0	1	1

(Table continued on next page)

Table 27 continued:

7. Large standards				8. Medium standards				9. Small standards			
Cents per dozen	Dozens			Cents per dozen	Dozens			Cents per dozen	Dozens		
	Loose	In carton	Total		Loose	In carton	Total		Loose	In carton	Total
15	1	0	1	13	1	0	1	13.5	1	0	1
15.5	1	0	1	14	1	0	1				
16	3	0	3	15.5	1	0	1				
16.5	0	0	0	16.5	1	0	1				
17	1	1	2								
17.5	0	1	1								
Total	6	2	8		4	0	4		1	0	1
10. Large dirties				11. Large checks				12. Medium checks			
14	1	0	1	14.5	1	0	1	10	1	0	1
15	0	1	1	15	1	0	1				
16	1	0	1	16	1	0	1				
17.5	1	0	1								
Total	3	1	4		3	0	3		1	0	1

* Under large specials -- the purchase price was not reported for one dozen purchased loose and sold in cartons. Under large extras -- the purchase price was not reported for fourteen dozen, one dozen of which was purchased loose and sold in carton and thirteen dozen purchased in carton and sold in carton. Under medium extras -- the purchase price was not reported for one dozen eggs purchased loose and sold in carton.

Source of data:

Computations by authors based upon data collected April 19-21, 1934.

TABLE 28

Distribution of Retailers' Margins in Los Angeles
Thursday-Saturday, April 19-21, 1934

1. Large specials					2. Medium specials				
Cents per dozen	Dozens				Cents per dozen	Dozens			
	Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total		Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total
2.5	2	0	1	3	3.5	1	0	0	1
3.0	0	0	1	1					
3.5	0	0	1	1					
4.5	1	0	0	1					
6.0	0	0	2	2					
6.5	0	0	1	1					
7.0	1	0	0	1					
Total	4	0*	6	10*		1	0	0	1

(Table continued on next page)

TABLE 28 continued

3. Large extras					4. Medium extras				
Cents per dozen	Dozens: Purchased, sold loose	Dozens: Purchased loose, sold in carton	Dozens: Purchased, sold in carton	Dozens: Total	Cents per dozen	Dozens: Purchased, sold loose	Dozens: Purchased loose, sold in carton	Dozens: Purchased, sold in carton	Dozens: Total
0.5	0	1	3	4	0	1	0	0	1
1.0	2	0	0	2	0.5	0	0	1	1
1.5	3	4	7	14	1.0	1	0	1	2
2.0	1	0	5	6	1.5	2	1	2	5
2.5	2	2	1	5	2.0	0	0	1	1
3.0	4	1	7	12	2.5	1	0	0	1
3.5	7	1	5	13	3.0	3	0	4	7
4.0	6	1	2	9	3.5	2	0	2	4
4.5	1	1	1	3	4.0	4	0	1	5
5.0	5	0	1	6	5.0	1	0	0	1
5.5	2	1	2	5	5.5	2	0	0	2
6.0	1	0	4	5					
6.5	1	0	0	1					
7.0	2	0	0	2					
8.0	1	0	0	1					
8.5	1	0	0	1					
Total	39	12*	38*	89*		17	1*	12	30*
5. Small extras					6. Peewee extras				
1.0	1	0	0	1	3.5	0	0	1	1
2.0	2	0	0	2					
3.0	1	0	1	2					
4.0	2	1	0	3					
6.5	1	0	0	1					
Total	7	1	1	9		0	0	1	1
7. Large standards					8. Medium standards				
2.0	1	1	0	2	1.5	2	0	0	2
2.5	0	0	0	0	2.0	0	0	0	0
3.0	1	0	1	2	3.0	2	0	0	2
3.5	1	0	1	2					
4.0	2	0	0	2					
Total	5	1	2	8		4	0	0	4
9. Small standards					10. Large dirties				
1.5	1	0	0	1	1.0	1	0	0	1
					2.5	2	0	0	2
					3.0	0	0	1	1
Total	1	0	0	1		3	0	1	4

(Table continued on next page)

Table 28 continued.

11. Large checks					12. Medium checks				
Cents per dozen	Dozens				Cents per dozen	Dozens			
	Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total		Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total
2.0	3	0	0	3	4.0	1	0	0	1
Total	3	0	0	3		1	0	0	1

* Under large specials, the purchase price was not reported for one dozen eggs, purchased loose and sold in carton. Under large extras, the purchase price was not reported for fourteen dozen eggs, one dozen of which was purchased loose and sold in carton, and thirteen dozen purchased in carton and sold in carton. Under medium extras, the purchase price was not reported for one dozen eggs, purchased loose and sold in carton.

Source of data:

Computations by authors based upon data collected April 19-21, 1934.

TABLE 29

Distribution of Retailers' Selling Prices in
Riverside, San Bernardino and Los Angeles
Wednesday-Saturday, April 18-21, 1934

1. Large extras				2. Medium extras				3. Small extras*			
Cents per dozen	Dozens			Cents per dozen	Dozens			Cents per dozen	Dozens		
	Loose	Carton	Total		Loose	Carton	Total		Loose	Carton	Total
18.0	0	1	1	13.5	1	0	1	13.0	0	1	1
18.5	1	0	1	14.0	0	0	0	14.0	1	0	1
19.0	1	3	4	15.0	0	0	0	15.0	3	0	3
19.5	3	0	3	16.0	1	1	2	16.0	0	0	0
20.0	8	12	20	17.0	2	0	2	17.0	2	0	2
20.5	0	0	0	17.5	1	0	1	18.0	0	1	1
21.0	8	17	25	18.0	2	7	9	19.0	0	1	1
22.0	8	23	31	19.0	7	5	12	20.0	2	0	2
22.5	1	0	1	20.0	5	7	12				
23.0	11	12	23	21.0	2	2	4				
24.0	2	8	10	22.0	1	0	1				
25.0	9	3	12	23.0	1	0	1				
26.0	0	3	3								
31.0	1	0	1								
Total	53	82	135		23	22	45		8	3	11

TABLE 30

Distribution of Retailers' Purchase Prices in
Riverside, San Bernardino and Los Angeles
Wednesday-Saturday, April 18-21, 1934

1. Large extras				2. Medium extras				3. Small extras*			
Cents per dozen	Dozens			Cents per dozen	Dozens			Cents per dozen	Dozens		
	Loose	Carton	Total		Loose	Carton	Total		Loose	Carton	Total
16.0	4	0	4	12.0	1	0	1	12.0	2	0	2
16.5	3	0	3	13.0	0	0	0	13.0	3	0	3
17.0	7	2	9	14.0	0	0	0	13.5	1	0	1
17.5	15	1	16	14.5	2	0	2	14.0	2	0	2
18.0	9	5	14	15.0	2	0	2	15.0	1	1	2
18.5	15	2	17	15.5	10	2	12	16.0	1	0	1
19.0	8	5	13	16.0	9	2	11				
19.5	7	9	16	16.5	6	1	7				
20.0	5	7	12	17.0	1	3	4				
20.5	2	8	10	17.5	1	2	3				
21.0	1	1	2	18.0	0	2	2				
22.5	1	0	1								
Total	77†	40†	117†		32†	12	44†		10	1	11

(Footnotes for tables 29 and 30.)

* No small extras were purchased in Riverside.

† Under large extras - purchase price was not reported for eighteen dozen eggs, one dozen of which was purchased loose and sold loose, two dozen purchased loose and sold in cartons, and fifteen dozen purchased in cartons and sold in cartons. Under medium extras - the purchase price was not reported for one dozen eggs purchased loose and sold in cartons.

Sources of data:

Computations for table 29 by authors based upon tables 23 and 26.

Computations for table 30 by authors based upon tables 24 and 27.

TABLE 31

Distribution of Retailers' Margins in
Riverside, San Bernardino and Los Angeles
Wednesday-Saturday, April 18-21, 1934

1. Large extras					2. Medium extras					3. Small extras*				
	Dozens					Dozens					Dozens			
Cents per dozen	Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total	Cents per dozen	Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total	Cents per dozen	Purchased, sold loose	Purchased loose, sold in carton	Purchased, sold in carton	Total
0.5	0	1	3	4	0	1	0	0	1	1.0	1	1	0	2
1.0	2	0	0	2	0.5	0	0	1	1	2.0	3	0	0	3
1.5	3	5	7	15	1.0	1	0	1	2	3.0	1	0	1	2
2.0	1	0	5	6	1.5	2	1	2	5	4.0	2	1	0	3
2.5	6	3	1	10	2.0	1	0	1	2	6.5	1	0	0	1
3.0	5	1	8	14	2.5	3	3	0	6					
3.5	8	6	6	20	3.0	4	1	4	9					
4.0	7	3	2	12	3.5	3	2	2	7					
4.5	5	4	1	10	4.0	4	0	1	5					
5.0	6	1	1	8	4.5	0	1	0	1					
5.5	3	1	2	6	5.0	1	0	0	1					
6.0	1	0	4	5	5.5	3	1	0	4					
6.5	1	0	0	1										
7.0	2	0	0	2										
8.0	1	0	0	1										
8.5	1	0	0	1										
Total	52†	25†	40†	117†		23	9†	12	44†		8	2	1	11

* No small extras were purchased in Riverside.

† Under large extras - the purchase price was not reported for eighteen dozen eggs, one dozen of which was purchased loose and sold loose, two dozen purchased loose and sold in cartons, and fifteen dozen purchased in cartons and sold in cartons.

Under medium extras - the purchase price was not reported for one dozen eggs purchased loose and sold in carton.

Source of data:

Computations by authors based upon tables 25 and 28.

TABLE 32

Selling Price of Eggs Purchased in Los Angeles, San Bernardino, and Riverside
Wednesday-Saturday, April 18-21, 1934

Cents per dozen	Large					Medium				Small		Peewee
	Specials	Extras	Standards	Dirties	Checks	Specials	Extras	Standards	Checks	Extras	Standards	Extras
	Number of dozens											
13	--	--	--	--	--	--	--	--	--	1	--	--
13.5	--	--	--	--	--	--	1	--	--	--	--	--
14	--	--	--	--	--	--	--	--	1	1	--	--
14.5	--	--	--	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--	3	1	--
15.5	--	--	--	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	2	1	--	--	--	1
16.5	--	--	--	1	1	--	--	--	--	--	--	--
17	--	--	--	1	1	--	2	2	--	2	--	--
17.5	--	--	--	--	--	--	1	--	--	--	--	--
18	--	1	2	1	1	--	9	1	--	1	--	--
18.5	--	1	--	--	--	--	--	--	--	--	--	--
19	--	4	2	--	--	--	12	--	--	1	--	--
19.5	--	3	--	--	--	--	--	--	--	--	--	--
20	--	20	3	1	--	1	12	--	--	2	--	--
20.5	--	--	--	--	--	--	--	--	--	--	--	--
21	1	25	1	--	--	--	4	--	--	--	--	--
21.5	--	--	--	--	--	--	--	--	--	--	--	--
22	1	31	--	--	--	--	1	--	--	--	--	--
22.5	--	1	--	--	--	--	--	--	--	--	--	--
23	--	23	--	--	--	--	1	--	--	--	--	--
23.5	--	--	--	--	--	--	--	--	--	--	--	--
24	4	10	--	--	--	--	--	--	--	--	--	--
24.5	--	--	--	--	--	--	--	--	--	--	--	--
25	2	12	--	--	--	--	--	--	--	--	--	--
25.5	--	--	--	--	--	--	--	--	--	--	--	--
26	3	3	--	--	--	--	--	--	--	--	--	--
31	--	1	--	--	--	--	--	--	--	--	--	--

Source of data:

Prices quoted by retailers in 89 stores at which eggs were purchased by John B. Schneider.

TABLE 33

Quotations on Produce Exchange of Los Angeles
April 13-24, 1934

Date	Large					Medium					Small		
	Candled clean extras	Candled light dirty extras	Candled clean standards	Candled light dirty standards	Candled checks	Candled clean extras	Candled light dirty mediums	Candled clean standards	Candled light dirty standards	Candled checks	Candled clean smalls	Candled light dirty smalls	Case count eggs
April 13	.185	.175	.175	.160	.160	.165	.150	.145	.140	.140	.150	.130	--
14	.185	.175	.175	.160	.160	.165	.150	.145	.140	.140	.150	.130	--
16	.185	.175	.175	.160	.160	.165	.155	.150	.140	.140	.150	.130	--
17	.185	.175	.175	.160	.160	.165	.155	.150	.140	.140	.140	.130	--
18	.185	.175	.175	.160	.160	.165	.155	.150	.140	.120	.140	.130	--
19	.190	.180	.180	.160	.150	.165	.155	.150	.140	.120	.135	.130	--
20	.190	.180	.180	.160	.150	.180	.170	.150	.140	.120	.145	.130	.160
21	.190	.180	.180	.160	.150	.180	.170	.150	.140	.120	.145	.130	.160
23	.190	.175	.180	.160	.150	.180	.170	.150	.140	.120	.140	.130	.160
24	.190	.175	.180	.160	.150	.180	.170	.150	.140	.120	.140	.130	.150

Source of data:

Los Angeles Times, April 14-25, 1934.

TABLE 34

A Comparison Between Advertised Retail Prices on March 29 and 30, 1934

and Los Angeles Produce Exchange Quotations, March 26-31, 1934

Advertised retail prices								Quotations on Produce Exchange of Los Angeles				
Large Extras		Medium Extras		Medium Standards		Small Extras		Date	Large Extras	Medium Extras	Medium Standards	Small Extras
Cents per dozen	Number of times appeared	Cents per dozen	Number of times appeared	Cents per dozen	Number of times appeared	Cents per dozen	Number of times appeared		Cents per dozen	Cents per dozen	Cents per dozen	Cents per dozen
16.5	1	15	1	14.5	1	14.5	1	March 26	18	16	14	14
17	12	15.5	2					27	18	16	14	14
17.5	4	16	2					28	18	16	14	14
18	14	16.7	1					29	18	16	14	14
18.5	4							30	18	16	14	14
19	5							31	18	16	14	14
19.5	0											
20	4											
Total	44		6		1		1					

Source of data:

Newspaper and circular advertisements and quotations from Daily Dairy and Poultry Market Reports of Federal-State Market News Service. U.S.D.A. Bur. Agr. Econ. March 26-31, 1934.

Records of the grading of all eggs purchased in the retail survey were classified by the California Department of Public Health into two groups, those (dozens) which were in conformity with the law and those which were below legal requirements. Tables 45 to 48 indicate the relationship between this classification and certain factors although the number of samples is too limited in some cases to draw general conclusions.

Two factors which are probably significant are the time and environmental elements. Of all eggs in retail stores four days or less, 78 dozen were above legal requirement and 75 below while of those in the retail store over four days 21 dozen were above and 40 below. Of 225 dozen purchased, only one dozen was kept under refrigeration and a considerable number were in open wire baskets, some of which were displayed on sidewalks in the heat of the sun. These were found to a larger extent in the poorer districts where the number of dozens below legal requirements was considerably greater than above.

In 31 stores over half of the kinds or varieties of eggs purchased (a dozen of each variety purchased in each store) were above legal requirements. In 21 of these stores all dozens purchased were within the law. In 58 stores half of more than half the samples purchased were below. In 30 of these stores all dozens purchased were below legal requirements. Table 45 classifies these into types of stores, neighborhood and supplier. Each dozen purchased was counted as a separate variety whether the difference was one of grade or price. The number of varieties carried by each store was as follows:

24 stores carried 1 variety
36 stores carried 2 varieties
13 stores carried 3 varieties
6 stores carried 4 varieties
7 stores carried 5 varieties
1 store carried 9 varieties
1 store carried 10 varieties
1 store carried 12 varieties

The number of official grades in each store was:

40 stores carried 1 grade
37 stores carried 2 grades
8 stores carried 3 grades
2 stores carried 4 grades
2 stores carried 5 grades

Eggs purchased in the retail survey were placed into blank cartons and each dozen was given a lot number. The eggs were then put into cold storage until the purchasing was complete, after which they were graded by three graders working independently. One grader was from the United States Department of Agriculture, another from the California Department of Public Health, and a third was a commercial grader. The California egg law specifications were used by all graders.

A comparison between the grades as represented in the retail store and the grades found by each of the three graders is presented in tables 35 to 37. It should be noted that the size of the sample in some grades is very small.

TABLE 35

Comparison of Egg Grades as Represented and as Graded
In Riverside and San Bernardino Retail Markets
April 18, 1934

Grades according to inspection	Extras			
	1. Large		2. Medium	
	Number of eggs	Per cent	Number of eggs	Per cent
Specials: large	193.4	50.6	20.4	12.1
medium	3.7	1.0	76.3	45.4
small	0	0	2.0	1.2
peewee	0.3	0.1	0	0
Extras: large	123.3	32.3	9.3	5.5
medium	9.0	2.3	41.0	24.4
small	0.3	0.1	0.3	0.2
Standards: large	18.0	4.7	1.0	0.6
medium	0.7	0.2	3.0	1.8
small	1.0	0.3	0	0
Trades: large	0.3	0.1	0	0
Dirties: large	1.7	0.4	0.3	0.2
medium	0	0	2.4	1.4
Checks: large	27.0	7.1	0.6	0.4
medium	0.3	0.1	9.7	5.8
Leakers	1.7	0.4	0.7	0.4
Blood	1.3	0.3	1.0	0.6
Totals	382.0*	100.0	168.0	100.0

* Two eggs were broken in candling and are excluded from the grading.

Source of data:

Records of federal, state and commercial egg-graders.

TABLE 36

Comparison of Egg Grades as Represented and as Graded
In Los Angeles Retail Markets
April 19-21, 1934

Grades according to inspection	1. Specials				2. Extras							
	Large		Medium		Large		Medium		Small		Peewee	
	Number of eggs	Per cent	Number of eggs	Per cent	Number of eggs	Per cent	Number of eggs	Per cent	Number of eggs	Per cent	Number of eggs	Per cent
Specials: large	92.7	70.8	0.3	2.5	583.0	47.3	19.3	5.2	0	0	0	0
medium	0.3	0.2	11.4	95.0	13.3	1.1	111.1	29.9	12.7	11.8	0	0
small	0	0	0	0	0	0	7.3	2.0	30.7	28.4	0.3	2.5
peewee	0	0	0	0	0	0	0.3	0.1	1.3	1.2	1.7	14.2
Extras: large	26.4	20.1	0	0	408.7	33.2	9.0	2.4	0	0	0	0
medium	0.3	0.2	0.3	2.5	9.0	0.7	125.7	33.8	4.7	4.4	0	0
small	0	0	0	0	0	0	8.0	2.0	32.0	29.6	6.0	50.0
peewee	0	0	0	0	0	0	0	0	2.0	1.8	1.0	8.3
Standards: large	4.3	3.3	0	0	99.3	8.0	5.3	1.4	0	0	0	0
medium	0	0	0	0	1.3	0.1	56.7	15.2	0	0	0.3	2.5
small	0	0	0	0	0	0	2.0	0.5	10.3	9.5	0.7	5.8
peewee	0	0	0	0	0	0	0	0	0.7	0.7	1.3	10.9
Trades: large	0	0	0	0	6.7	0.5	0.7	0.2	0	0	0	0
medium	0	0	0	0	0	0	5.0	1.3	0	0	0	0
small	0	0	0	0	0	0	0.3	0.1	1.0	0.9	0	0
Dirties: large	1.0	0.8	0	0	22.0	1.8	0	0	0	0	0	0
medium	0	0	0	0	0	0	2.0	0.5	1.0	0.9	0	0
small	0	0	0	0	0	0	0.3	0.1	1.3	1.2	0	0
Checks: large	6.0	4.6	0	0	77.3	6.3	3.7	1.0	0	0	0	0
medium	0	0	0	0	0.7	0.1	15.3	4.1	0.3	0.3	0	0
small	0	0	0	0	0	0	0	0	9.7	9.0	0.7	5.8
peewee	0	0	0	0	0	0	0	0	0.3	0.3	0	0
Blood	0	0	0	0	6.0	0.5	0	0	0	0	0	0
Blood rot	0	0	0	0	1.7	0.1	0	0	0	0	0	0
Rot	0	0	0	0	0.3	--	0	0	0	0	0	0
Leaker	0	0	0	0	3.7	0.3	0	0	0	0	0	0
Total	131.0*	100.0	12	100.0	123.3*	100.0	372.0	100.0	108	100.0	12.0	100.

(Table continued on next page)

Table 36 continued.

Grades according to inspection	3. Standards						4. Dirties	
	Large		Medium		Small		Large	
	Number of eggs	Per cent	Number of eggs	Per cent	Number of eggs	Per cent	Number of eggs	Per cent
Specials: large	22.0	22.9	3.4	7.1	0	0	12.3	25.6
medium	0.3	0.3	8.7	18.1	0.3	2.5	0	0
small	0	0	0	0	3.0	25.0	0	0
peewee	0	0	0	0	0	0	0	0
Extras: large	40.0	41.7	7.0	14.6	0	0	12.0	25.0
medium	0.3	0.3	17.0	35.5	0.3	2.5	0	0
small	0	0	0.3	0.6	4.7	39.2	0	0
peewee	0	0	0	0	0	0	0	0
Standards: large	24.7	25.8	0.3	0.6	0	0	6.7	14.0
medium	0.3	0.3	6.7	14.0	0	0	0	0
small	0	0	0	0	1.7	14.2	0	0
peewee	0	.0	0.7	1.5	0	0	0	0
Trades: large	2.7	2.8	0	0	0	0	0.3	0.6
medium	0	0	0.3	0.6	0	0	0	0
small	0	0	0	0	0	0	0	0
Dirties: large	1.0	1.0	0.3	0.6	0	0	12.4	25.8
medium	0	0	0.3	0.6	0	0	0	0
small	0	0	0	0	0	0	0	0
Checks: large	4.7	4.9	0.3	0.6	0	0	4.0	8.4
medium	0	0	2.4	5.0	0.7	5.8	0	0
small	0	0	0	0	1.3	10.8	0	0
peewee	0	0	0	0	0	0	0.3	0.6
Blood	0	0	0.3	0.6	0	0	0	0
Blood rot	0	0	0	0	0	0	0	0
Rot	0	0	0	0	0	0	0	0
Leaker	0	0	0	0	0	0	0	0
Total	96	100.0	48	100.0	12.0	100.0	48.0	100.0

(Table continued on next page)

Table 36 continued.

Grades according to inspection	5. Checks				Total	
	Large		Medium			
	Number of eggs	Per cent	Number of eggs	Per cent	Number of eggs	Per cent
Specials: large	0	0	0.7	5.8	733.7	34.6
medium	0	0	1.0	8.4	159.1	7.5
small	0	0	0	0	41.3	1.9
peewee	0	0	0	0	3.3	0.2
Extras: large	2.0	5.6	0	0	505.1	23.8
medium	0	0	0.3	2.5	157.9	7.4
small	0	0	0	0	51.0	2.4
peewee	0	0	0	0	3.0	0.1
Standards: large	2.0	5.6	0	0	142.6	6.7
medium	0	0	0	0	65.3	3.1
small	0	0	0	0	14.7	0.7
peewee	0	0	0	0	2.7	0.1
Trades: large	1.7	4.7	0	0	12.1	0.6
medium	0	0	0	0	5.3	0.3
small	0	0	0	0	1.3	0.1
Dirties: large	0	0	0	0	36.7	1.7
medium	0	0	3.1	25.8	6.4	0.3
small	0	0	0	0	1.6	0.1
Checks: large	28.6	79.5	3.3	27.5	127.9	6.0
medium	0.7	1.9	3.3	27.5	23.4	1.1
small	0	0	0	0	11.7	0.6
peewee	0.7	1.9	0.3	2.5	1.6	0.1
Blood	0	0	0	0	6.3	0.3
Blood rot	0	0	0	0	1.7	0.1
Rot	0	0	0	0	0.3	--
Leaker	0.3	0.8	0	0	4.0	0.2
Total	36.0	100.0	12.0	100.0	2120.0	100.0

* Under eggs represented as large specials one egg was broken in candling and is excluded from the grading.

Under eggs represented as large extras, three eggs were broken in candling and are excluded from the grading.

Source of data:

Records of federal, state and commercial egg-graders.

TABLE 37

Comparison of Egg Grades as Represented and as Graded
In Los Angeles, Riverside and San Bernardino Retail Markets
April 18-21, 1934

Grades according to inspection	Extras					
	1. Large		2. Medium		3. Small*	
	Number of eggs	Per cent	Number of eggs	Per cent	Number of eggs	Per cent
Specials: large	776.4	48.1	39.7	7.4	0	0
medium	17.0	1.1	187.4	34.7	12.7	9.6
small	0	0	9.3	1.7	35.3	26.7
peewee	0.3	--	0.3	0.1	9.7	7.3
Extras: large	532.0	32.9	18.4	3.4	0	0
medium	18.0	1.1	166.7	30.9	4.7	3.6
small	0.3	--	8.3	1.5	37.7	28.6
peewee	0	0	0	0	6.0	4.6
Standards: large	117.4	7.3	6.3	1.2	0	0
medium	2.0	0.1	59.7	11.1	0	0
small	1.0	0.1	2.0	0.4	11.3	8.6
peewee	0	0	0	0	0.7	0.5
Trades: large	7.0	0.4	0.7	0.1	0	0
medium	0	0	5.0	0.9	0	0
small	0	0	0.3	0.1	1.0	0.8
Dirties: large	23.7	1.5	0.3	0.1	0	0
medium	0	0	4.3	0.8	1.0	0.8
small	0	0	0.3	0.1	1.3	1.0
peewee	0	0	0	0	0.3	0.2
Checks: large	104.3	6.5	4.3	0.8	0	0
medium	1.0	0.1	25.0	4.6	0.3	0.2
small	0	0	0	0	9.7	7.3
peewee	0	0	0	0	0.3	0.2
Leakers	5.3	0.3	0.7	0.1	0	0
Blood	7.3	0.5	1.0	0.2	0	0
Blood rots	1.7	0.1	0	0	0	0
Rot	0.3	--	0	0	0	0
Total	1615.0 †	100.0	540.0	100.0	132.0	100.0

* No small extras were purchased in Riverside.

† Five eggs were broken in candling and are excluded from the grading.

Source of data: Records of federal, state and commercial egg-graders.

The number of stores visited and the number of dozen eggs purchased classified according to types of retail outlet, neighborhood, and sources of supply will be found in table 38. Stores classified as national chains were those operating on a national basis. Local chains are those having three or more units all within the territory in which the survey was made. Independents are principally one-unit stores.

Table 39 shows the sources supplying these retailers. Twenty-seven of the eighty-nine stores were purchasing from more than one supplier.

The significance of each type of retail outlet as reported by the 1929 Census of Distribution appears in table 40. The number of retailers engaged in assembling eggs in southern California is reported by counties in table 41.

TABLE 38

Number of Dozen Eggs Purchased and Stores Visited in Riverside, San Bernardino, and Los Angeles, Classified According to Type of Store, Neighborhood, and Supplier Wednesday-Saturday, April 18-21, 1934.

Type	Riverside and San Bernardino						Los Angeles		Total	
	Riverside		San Bernardino		Total					
	Dozen eggs	Number of stores	Dozen eggs	Number of stores	Dozen eggs	Number of stores	Dozen eggs	Number of stores	Dozen eggs	Number of stores
Store:										
National chain	6	3	7	3	13	6	13	8	26	14
Local chain	3	1	0	0	3	1	53	13	56	14
Independent	11	7	21	13	32	20	111	41	143	61
Total	20	11	28	16	48	27	177	62	225	89
Neighborhood:										
Business	12	6	11	6	23	12	21	5	44	17
Wealthy	1	1	0	0	1	1	5	2	6	3
Better middle class	0	0	0	0	0	0	20	8	20	8
Middle class	3	2	10	6	13	8	43	20	56	28
Lower middle class	0	0	0	0	0	0	45	12	45	12
Poor	4	2	7	4	11	6	43	15	54	21
Total	20	11	28	16	48	27	177	62	225	89
Supplier:										
Wholesaler	2	0	2	1	4	1	73	19	77	20
Peddler	1	1	2	1	3	2	100	28	103	30
Producer	17	8	24	13	41	21	1	1	42	22
Wholesaler and peddler	0	0	0	0	0	0	0	13	0	13
Wholesaler and producer	0	2	0	1	0	3	0	0	0	3
Not specified	0	0	0	0	0	0	3	1	3	1
Total	20	11	28	16	48	27	177	62	225	89

TABLE 39

Number and Type of Sources Supplying Retailers in Los Angeles, San Bernardino and Riverside

Number and type of source	Number of stores supplied			
	Los Angeles	San Bernardino	Riverside	Total
One source:				
1 Wholesaler	15	1	0	16
1 Peddler	24	1	1	26
1 Producer	1	12	6	19
Total	40	14	7	61
Two sources:				
1 Wholesaler and 1 peddler	7	0	0	7
1 Wholesaler and 1 producer	0	1	1	2
1 Wholesaler and 1 not specified	1	0	0	1
2 Wholesalers	2	0	0	2
2 Peddlers	4	0	0	4
2 Producers	0	1	1	2
Total	14	2	2	18
Three sources:				
1 Wholesaler and 2 peddlers	1	0	0	1
2 Wholesalers and 1 peddler	1	0	0	1
3 Wholesalers	1	0	0	1
Total	3	0	0	3
Four sources:				
1 Wholesaler and 3 peddlers	1	0	0	1
2 Wholesalers and 2 peddlers	2	0	0	2
3 Wholesalers and 1 peddler	1	0	0	1
Total	4	0	0	4
More than four sources:				
1 Wholesaler and many producers	0	0	1	1
Many producers	0	0	1	1
Total	0	0	2	2
Not specified	1	0	0	1
Total	62	16	11	89

Source of data:

Retail survey April 18-21, 1934.

TABLE 40

(1) Retail Shell Egg Distribution by Various Types of Stores in California and
(2) Estimated Distribution in Los Angeles

Type of stores	Per cent of eggs sold to total sales of stores selling eggs*	Estimated per cent of eggs sold in Los Angeles†
Dairy products stores (including ice cream)	21.4	7.5
Egg and poultry dealers	23.1	5.6
Milk dealers	3.1	3.3
Delicatessen stores	5.7	2.1
Fruit stores and vegetable markets	1.9	2.3
Grocery stores (without meats)	5.7	38.8
Combination stores - grocery stores with meats	4.3	21.7
Combination stores - meat markets with groceries	2.8	5.1
Meat markets	2.7	7.0
Department stores (with food departments)	.4	2.2
General merchandise stores (with food departments)	4.3	0.3
Lunch counters	7.7	4.1
Feed stores with groceries	7.0	
		100.0

* Reported only for California as a whole.

† Estimate of per cent sold by various types of stores in Los Angeles was obtained in the following manner: The net sales of the various types of stores in Los Angeles were multiplied by the data in column 1 above in order to obtain the estimated dollar sales of eggs in Los Angeles. The total egg sales thus obtained were then divided into the amounts of sales calculated for the different types of stores. Sales direct from producers to consumers were not reported.

Source of data:

Fifteenth Census of the United States, Census of Distribution, Retail Distribution, State Series. California, 1929. pp. 56-66.

TABLE 41

Number of Stores Reporting Assembling of Eggs in Certain California Counties - 1930 - in Small City and Rural Market Areas in all Places Outside of Cities of 10,000 Population and Over

County	Number stores	County	Number stores
Madera	7	Los Angeles	4
Fresno	63	San Bernardino	9
Kings	8	Riverside	0
Tulare	31	San Diego	3
Kern	2	Imperial	4
San Luis Obispo	5	Total	140
Santa Barbara	1		
Ventura	3	California total	323

Source of data:

Fifteenth Census of the United States: 1930 Census of Distribution, Agricultural Commodity Series. The assembling of agricultural commodities by retailers. pp. 32-33.

The length of time the eggs purchased were in the retailers' stock, whether kept under refrigeration, sold by brand, purchased or sold loose, all appear in table 42.

TABLE 42

Number of Dozen Eggs Purchased in Riverside, San Bernardino, and Los Angeles, April 18-21, 1934
Classified According to Specified Factors
Wednesday-Saturday, April 18-21, 1934

Factor	Riverside and San Bernardino			Los Angeles	Total
	Riverside	San Bernardino	Total		
	Dozen	Dozen	Dozen	Dozen	Dozen
Length of time in store, days					
1	3	1	4	28	32
2	5	8	13	37	50
3	6	6	12	34	46
4	5	2	7	18	25
5	0	6	6	10	16
6	0	3	3	15	18
7	0	1	1	5	6
8	0	0	0	10	10
9	0	0	0	0	0
10	0	0	0	3	3
11	0	0	0	6	6
12	0	0	0	0	0
13	0	0	0	1	1
14	0	0	0	1	1
Total	19*	27*	46*	168*	214*
Kept under refrigeration in store:					
Yes	1	0	1	0	1
No	19	28	47	177	224
Total	20	28	48	177	225
Sold by brand:					
Yes	2	1	3	76	79
No	18	27	45	101	146
Total	20	28	48	177	225
Retailer purchased:					
Loose	18	26	44	103	147
In carton	2	2	4	74	78
Total	20	28	48	177	225
Retailer sold:					
Loose	7	14	21	85	106
In carton	13	14	27	92	119
Total	20	28	48	177	225

* Number of days in store not reported for 11 dozen eggs, one dozen of which was purchased in Riverside, one dozen in San Bernardino, and nine dozen in Los Angeles.

Eggs purchased in the retail survey were classified into grades as represented by the retailer and according to the equivalent official grades.[6] The number of dozen in each grade appears in table 43 and 44.

TABLE 43

Distribution of Official Grades of Eggs Purchased in Los Angeles, San Bernardino, and Riverside, as Sold April 18-21, 1934 and as Graded

Official grades		Sold: Loose	Sold: In carton	Total	Graded according to inspection	
		Dozen	Dozen	Dozen	Dozen	Per cent
Specials:	Large*	4	7	11	79.0	35.2
	Medium*	1	0	1	20.0	8.9
	Small				4.0	1.8
	Peewee				1.0	.5
Extras:	Large	53	82	135	53.2	23.7
	Medium	23	22	45	17.0	7.6
	Small †	8	3	11	4.8	2.1
	Peewee *	0	1	1	.6	.3
Standards:	Large*	5	3	8	13.5	6.0
	Medium*	4	0	4	5.8	2.6
	Small*	1	0	1	1.4	.6
	Peewee				.2	.1
Trades:	Large				1.1	.5
	Medium				.5	.2
	Small				.1	.1
Dirties: ‡	Large*	3	1	4	3.2	1.4
	Medium				.7	.3
	Small				.1	.1
Checks:	Large*	3	0	3	13.0	5.6
	Medium*	1	0	1	2.8	1.3
	Small				1.0	.4
	Peewee				.1	.1
Blood					.7	.3
Blood rot					.2	.1
Rot ‡					--	--
Leakers					.5	.2
Total		106	119	225	224.5	100.0

* None so represented in San Bernardino or Riverside. Dairies usually sell large specials. None were purchased from them. See table 40 for the importance of this and other outlets.

† None so represented in Riverside.

‡ One rot and one peewee dirty.

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[6] See section 2, California Egg Law.

TABLE 44

Distribution of Grades Represented by Retailers of Eggs Purchased in Los Angeles, San Bernardino, and Riverside April 18-21, 1934

Grade as sold	Dozen eggs	Grade as sold	Dozen eggs
Large Extras	42	Fresh Ranch Large Extras	1
Medium Extras	27	Jumbo Eggs	1
U.S. Large Extras	13	Jumbo Fresh	1
Fresh Large	7	Large Brown Extras	1
Large Fresh	7	Large Dirty Standard	1
Medium	6	Large Extra Fresh	1
Large Eggs	5	Large Extra No. 1 Ranch	1
Large Specials	5	Large Extra Ranch	1
Small Extras	5	Large Fresh Ranch	1
Extra Large	3	Large Fresh Yard	1
Fresh Extras	3	Large Ranch Fresh	1
Large	3	Large Strictly Fresh Ranch	1
Standard Medium	3	Large U.S. Standard	1
Brown Large Extras	2	Large White Specials	1
Fresh Ranch Large	2	Large White Specials (infertile)	1
Fresh Small	2	Light Dirty Extras	1
Large Extra Brown	2	Medium Ranch	1
Large Standard	2	Medium Standard	1
Large U.S. Extras	2	Selected	1
Select Eggs	2	Select Large Extras	1
Standard Large	2	Small	1
Standard Large Light Dirties	2	Small Fresh	1
U.S. Extra Large	2	Special Fancy Checks	1
Brown Eggs Large Standard	1	Special Medium Extras	1
Brown Ranch Eggs Large Extra	1	Special U.S. Fresh Medium	1
Cracked Eggs U.S. Standard	1	Standard Large Eggs	1
Extra Large Brown	1	Standard Small	1
Extra Large Strictly Fresh	1	U.S. Extra Certified Federal State	1
Extra Peewee	1	U.S. Extra Medium	1
Fresh Dependable Large	1	U.S. Extras	1
Fresh Eggs Candled - Ranch	1	U.S. Fresh Medium Extras	1
Fresh Eggs Small	1	U.S. Jumbos	1
Fresh from the nest Large	1	U.S. Large Extra Checked	1
Fresh Jumbos	1	U.S. Large Extras (fresh)	1
Fresh Large Brown	1	U.S. Large Fresh	1
Fresh Large Extra	1	U.S. Large Specials	1
Fresh Large Special	1	U.S. Mediums	1
Fresh Large Standard	1	U.S. Medium Extras	1
Fresh Large White	1	U.S. Medium Specials	1
Fresh Local Ranch Medium	1	U.S. Specials	1
Fresh Medium	1	Yard Eggs	1
Fresh Medium Checks	1	No Sign	14
Fresh Ranch	1		
Fresh Ranch Extra Large	1	Total	225

Source of data:

Retail survey.

TABLE 45

Relation Between the Number of Dozen of Eggs Purchased in Riverside, San Bernardino and Los Angeles, April 18-21, 1934 Below and Above Legal Requirements and Various Factors

Town	Legal requirements		Type of retail outlet	Legal requirements	
	Above Dozen	Below Dozen		Above Dozen	Below Dozen
Riverside	12	8	National chain	9	17
San Bernardino	11	17	Local chain	26	30
Los Angeles	81	96	Independent	69	74
Total	104	121		104	121

Type of neighborhood	Legal requirements		Type of supplier	Legal requirements	
	Above Dozen	Below Dozen		Above Dozen	Below Dozen
Business	21	23	Wholesaler	33	44
Wealthy	3	3	Peddler	50	53
Better middle class	8	12	Producer	20	22
Middle class	29	27	No invoice	1	2
Lower middle class	22	23			
Poor	21	33			
Total	104	121		104	121

TABLE 46

Distribution of Eggs Below and Above Legal Requirements and Various Factors

Sold	Legal requirements		Number of stores	Legal requirements		Number of stores	Legal requirements	
	Above Dozen	Below Dozen		Above Dozen	Below Dozen		Above Dozen	Below Dozen
Loose	46	60	16	0	1	10	2	0
In carton	58	61	10	0	2	3	2	1
			2	0	3	2	2	2
			1	0	4	2	2	3
			1	0	5	1	2	8
			8	1	0	3	3	0
			16	1	1	2	3	1
			5	1	2	3	3	2
			1	1	3	1	6	3
			1	1	4	1	7	5
Total	104	121				89	104	121

(Table continued on next page)

Table 46 continued

Number of days in store	Legal requirements		Number of days in store	Legal requirements	
	Above Dozen	Below Dozen		Above Dozen	Below Dozen
1	17	15	8	5	5
2	30	20	9	0	0
3	17	29	10	2	1
4	14	11	11	1	5
5	5	11	12	0	0
6	6	12	13	0	1
7	2	4	14	0	1
Total				99*	115*

* Number of days not reported for 5 dozen eggs above legal requirements and 6 dozen below legal requirements.

TABLE 47

Number of Stores in Which Varying Proportions of the Dozens of Eggs Purchased in Riverside, San Bernardino, and Los Angeles, April 18-21, 1934 Were Above and Below Legal Requirements

Type	Number of stores				Over one-half above	One-half or more below
	All above	All below	Over one-half above*	One-half or more below†		
					per cent	per cent
Store						
National chain	2	7	3	11	21.4	78.6
Local chain	3	2	7	7	50.0	50.0
Independent	16	21	21	40	34.4	65.6
Total	21	30	31	58	34.8	65.2
Neighborhood						
Business	4	7	7	10	41.2	58.8
Wealthy	1	1	1	2	33.3	66.7
Better middle	2	2	3	5	37.5	62.5
Middle	7	9	10	18	35.7	64.3
Lower middle	3	3	6	6	50.0	50.0
Poor	4	8	4	17	19.0	81.0
Total	21	30	31	58	34.8	65.2
Supplier						
Wholesaler	3	10	3	16	15.8	84.2
Peddler	11	8	12	18	40.0	60.0
Producer	7	8	9	14	39.1	60.9
Wholesaler and peddler	0	1	6	6	50.0	50.0
Wholesaler and producer	0	2	0	2	0	100.0 ‡
Wholesaler and no invoice	0	0	0	1	0	100.0 ‡
Wholesaler, peddler and no invoice	0	0	1	0	100.0 ‡	0
Not specified	0	1	0	1	0	100.0 ‡
Total	21	30	31	58	34.8	65.2

* Includes first column.
† Includes second column.
‡ Number of stores too small to be significant.

The relation between the price paid for eggs and the number of dozen above and below legal requirements is shown in table 48 by grades.

TABLE 48

Distribution of the Prices Paid Retailers for Eggs Purchased in Riverside, San Bernardino, and Los Angeles, Classified According to Whether the Eggs Were Above or Below Legal Requirements
Wednesday to Saturday, April 18-24, 1934

Large											
Specials*			Extras			Standards*			Dirties*		
Selling price	Legal requirements		Selling price	Legal requirements		Selling price	Legal requirements		Selling price	Legal requirements	
	Above	Below		Above	Below		Above	Below		Above	Below
Cents	Dozen	Dozen	Cents	Dozen	Dozen	Cents	Dozen	Dozen	Cents	Dozen	Dozen
21	1	0	18	1	0	18	1	1	16.5	0	1
22	0	1	18.5	0	1	19	2	0	17	0	1
23	0	0	19	2	2	20	2	1	18	1	0
24	0	4	19.5	0	3	21	1	0	19	0	0
25	0	2	20	12	8				20	1	0
26	1	2	21	13	12						
			22	13	18						
			22.5	1	0						
			23	14	9						
			24	5	5						
			25	3	9						
			26	0	3						
			31	0	1						
Total	2	9		64	71		6	2		2	2

Large			Medium								
Checks*			Specials*			Extras			Standards*		
16.5	1	0	20	1	0	13.5	0	1	16	1	0
17	1	0				16	0	2	17	1	1
18	0	1				17	1	1	18	0	1
						17.5	0	1			
						18	7	2			
						19	5	7			
						20	4	8			
						21	3	1			
						22	1	0			
						23	1	0			
Total	2	1		1	0		22	23		2	2

(Table continued on next page)

Table 48 continued.

Medium			Small						Peewee*		
Checks*			Extras †			Standards*			Extras		
Selling price	Legal requirements		Selling price	Legal requirements		Selling price	Legal requirements		Selling price	Legal requirements	
	Above	Below		Above	Below		Above	Below		Above	Below
Cents	Dozen	Dozen	Cents	Dozen	Dozen	Cents	Dozen	Dozen	Cents	Dozen	Dozen
14	0	1	13	0	1	15	1	0	16	0	1
			14	0	1						
			15	0	3						
			16	0	0						
			17	1	1						
			18	0	1						
			19	1	0						
			20	0	2						
Total	0	1		2	9		1	0		0	1

* None purchased in Riverside and San Bernardino.

† None purchased in Riverside.

Source of data: Retail Survey and Records of Three Graders.

Retail egg prices for the United States as a whole and for Los Angeles and San Francisco appear in table 49. The margin, by months, beginning January, 1931 to April, 1934 between California farm prices on eggs and the Los Angeles retail price appears in table 50. Annual margins between farm prices[7] in the following counties and Los Angeles retail prices are:

	1931	1932	1933
Kings County	15.8	--	--
Kern County	14.6	--	--
San Luis Obispo County	--	10.9	--
Los Angeles County	11.2	7.7	8.1
Riverside County	13.6	10.9	--
San Bernardino County	11.9	9.9	--
Orange County	12.3	10.0	--
San Diego County	12.8	--	--

Information on other southern California counties is not available. Monthly data on the above counties are being tabulated.

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[7] See table 11.

TABLE 49

Average Retail Prices of Eggs on Fifteenth of Month, (1) United States, (2) Los Angeles, (3) San Francisco, 1928-1934. (Cents per dozen; relative prices based upon 1913=100)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Av. price	Relative price
United States														
1928	55.9	43.1	37.0	35.8	37.5	38.8	41.6	45.0	50.4	54.3	59.3	58.4	46.4	135
1929	50.6	49.1	42.1	36.7	38.7	41.4	44.1	48.3	53.0	58.0	63.3	62.8	49.0	142
1930	55.4	47.3	35.4	34.5	33.7	33.6	35.1	38.8	43.1	44.8	48.4	41.6	41.0	119
1931	36.1	27.2	28.5	27.4	24.9	25.8	28.6	31.9	33.8	37.9	39.7	38.5	31.7	92
1932	29.7	24.2	21.1	20.0	20.3	20.8	22.9	26.8	29.5	34.6	37.6	39.9	27.2	79
1933	32.4	21.4	19.8	18.4	20.3	20.0	24.3	25.3	28.3	32.5	36.1	32.1	26.1	76
1934	29.9	28.0	24.7	24.0										
Los Angeles														
1928	43.3	33.7	33.8	34.5	34.5	36.0	40.9	45.0	51.5	57.4	59.9	53.6	43.7	114
1929	49.2	37.0	36.8	38.0	41.0	43.5	46.9	50.3	56.4	58.8	58.9	53.0	47.5	124
1930	48.6	35.3	34.9	34.7	34.7	32.0	35.9	37.9	46.0	48.1	43.2	33.9	38.8	101
1931	32.5	26.6	28.0	26.8	26.0	28.1	30.3	35.2	40.2	40.7	39.4	39.3	32.8	86*
1932	30.1	24.8	24.5	21.8	22.7	22.6	25.0	26.6	31.2	35.7	37.2	34.9	28.1	73*
1933	35.4	22.2	22.2	21.5	23.3	22.6	25.0	28.6	32.7	33.3	33.9	30.6	27.6*	72*
1934	27.0	22.9	22.5	23.1										
San Francisco														
1928	44.9	33.5	33.6	33.7	35.2	36.5	40.6	41.0	47.4	52.7	55.5	49.7	42.0	113
1929	45.5	35.5	35.3	35.7	37.7	40.0	42.2	47.7	50.7	59.0	59.3	52.7	45.1	121
1930	46.3	36.9	36.4	36.0	35.7	33.5	33.3	38.0	46.2	48.0	51.7	35.7	39.8	107
1931	31.6	26.0	25.8	25.7	25.4	25.1	28.3	31.3	36.3	42.1	40.2	35.4	31.1	83*
1932	27.0	22.5	22.2	21.9	22.0	21.4	22.7	25.9	30.7	35.5	38.0	35.0	27.1	73*
1933	31.6	21.7	21.9	22.0	23.9	23.9	25.8	27.1	31.1	35.3	36.9	30.8	27.7*	74*
1934	26.8	24.1	23.2	22.8										

* Prices were computed.

Sources of data: 1928-1929: U. S. Bur. Lab. Stat., Monthly Lab. Revs., Vols. 28, 29, 30.
1930-1934: Retail Prices, Bur. Lab. Stat.

Note: Subsequent to August, 1933, quotations are taken on the following dates:

1933: Sept. 12, Oct. 10, Nov. 21, Dec. 19.
1934: Jan. 16, Feb. 13, March 13, April 10.

TABLE 50

Margins Between California Farm Prices and Los Angeles Retail Prices, January 1931 to April 1934

Month	California farm price	Los Angeles retail price	Total margin	Month	California farm price	Los Angeles retail price	Total margin
1931				1932			
Jan.	23.0	32.5	9.5	Jan.	23.4	30.1	6.7
Feb.	17.0	26.6	9.6	Feb.	15.8	24.8	9.0
March	15.3	28.0	12.7	March	14.2	24.5	10.3
April	15.5	26.8	11.3	April	13.3	21.8	8.5
May	16.1	26.0	9.9	May	13.7	22.7	9.0
June	16.0	28.1	12.1	June	13.7	22.6	8.9
July	18.1	30.3	12.2	July	15.4	25.0	9.6
Aug.	23.1	35.2	12.1	Aug.	17.0	26.6	9.6
Sept.	26.5	40.2	13.7	Sept.	20.9	31.2	10.3
Oct.	30.0	40.7	10.7	Oct.	25.4	35.7	10.3
Nov.	29.5	39.4	9.9	Nov.	27.4	37.2	9.8
Dec.	29.2	39.3	10.1	Dec.	26.0	34.9	8.9
1933				1934			
Jan.	26.0	35.4	9.4	Jan.	19.1	27.0	7.9
Feb.	13.4	22.2	8.8	Feb.	15.2	22.9	7.7
March	12.7	22.2	9.5	March	14.0	22.5	8.5
April	13.0	21.5	8.5	April	14.2	23.1	8.9
May	14.6	23.3	8.7				
June	15.1	22.6	7.5				
July	16.3	25.0	8.7				
Aug.	18.9	28.6	9.7				
Sept.	22.0	32.7	10.7				
Oct.	24.5	33.3	8.8				
Nov.	24.5	33.9	9.4				
Dec.	23.0	30.6	7.6				

Source of data: See tables 9 and 49.

TABLE 51

Average of Monthly Farm Prices of Eggs by Counties in Southern California, 1931-1932

Month and year	Los Angeles	Orange	Riverside	San Bernardino	San Diego	San Luis Obispo
1931						
January	20.8	23.3	20.9	20.2	19.1	
February	16.4	17.8	15.6	16.0	15.7	
March	16.9	18.0	16.7	16.1	15.5	
April	16.5	17.4	15.1	15.9	15.1	
May	16.2	16.6	14.8	14.8	14.5	
June	16.6	18.3	16.1	16.4	15.7	
July	18.3	22.1	19.2	19.3	20.0	
August	23.6	26.3	23.8	24.1	24.8	
September	27.3	28.8	25.8	25.8	27.4	
October	29.5	30.9	26.6	28.5	27.2	
November	28.5	30.8	27.7	27.6	29.2	
December	30.4	31.1	27.8	27.9	28.7	
Average year*	20.3	21.9	19.4	19.6	18.9	
1932						
January	20.8	20.5	21.4	20.1	20.2	
February	15.1	14.2	14.8	14.4	15.1	
March	14.8	13.7	14.1	13.9	14.4	13.2
April	14.8	13.5	14.0	13.1	14.2	12.8
May	14.3	13.7	14.1	13.7	14.2	13.4
June	14.6	16.2	14.0	13.4	14.4	13.5
July	16.0	17.5	15.8	16.8	16.9	15.3
August	18.7	22.0	17.8	18.3	18.5	24.5
September	22.4	23.8	22.1	22.3	21.1	22.4
October	25.6	27.7	24.7	25.3	23.4	24.2
November	28.0	26.5	26.7	27.6	26.0	28.1
December	26.8		25.2	24.2	26.0	25.4
Average year*	17.9	17.6	17.4	17.2	17.1	17.5

* Weighted average based upon weights of receipts in months as follows for all counties except San Diego: January, 6 per cent; February, 9; March, 12; April, 12; May, 12; June, 10; July, 9; August, 8; September, 6; October, 5; November, 5; December 6 per cent. For San Diego: January, 8 per cent; February, 10; March, 15; April, 14; May, 11; June, 10; July, 8; August, 6; September, 4; October, 4; November, 5; and December, 5 per cent.

Source of data:

Farm prices reported by producers cooperating with county farm advisors.

TABLE 21

Average of Monthly Farm Prices of Lemons by Counties
in Southern California, 1951-1952

Month and Year	Los Angeles	Orange	Riverside	Ventura	San Diego	San Luis Obispo
1951						
January	20.8	26.3	20.2	20.8	19.1	
February	16.4	17.3	16.8	16.0	16.7	
March	16.3	16.0	16.7	16.2	15.3	
April	16.8	17.4	16.1	15.9	15.1	
May	16.2	16.0	14.8	14.8	14.8	
June	16.8	16.5	15.1	14.3	15.7	
July	19.8	22.1	19.8	19.3	20.0	
August	23.8	25.2	23.7	24.1	24.9	
September	27.3	26.1	25.9	25.8	27.4	
October	29.5	30.8	29.6	28.6	27.3	
November	28.5	30.2	29.7	27.0	28.2	
December	30.1	31.1	27.8	27.0	26.7	
Average Year*	20.2	21.9	21.4	19.8	19.0	
1952						
January	20.8	20.5	21.4	20.1	20.2	
February	16.1	16.2	16.8	16.4	16.1	
March	14.8	15.7	14.1	14.7	14.4	15.2
April	14.2	13.5	14.0	13.1	14.2	13.8
May	14.5	13.7	14.1	14.7	14.2	14.4
June	14.8	16.2	14.0	14.4	14.4	15.6
July	16.0	17.3	16.8	14.8	16.0	15.8
August	18.7	22.0	17.8	18.4	18.5	22.3
September	22.4	23.8	22.1	22.6	21.1	23.4
October	25.3	27.7	24.7	25.3	23.4	24.8
November	23.0	26.2	24.7	27.8	23.0	24.1
December	26.6	25.2	25.2	24.2	23.0	23.4
Average Year*	17.9	17.6	17.3	17.2	17.1	17.0

* Weighted average based upon weights of receipts in months as follows for all counties except San Diego: January, 4; February, 7; March, 9; April, 12; May, 12; June, 10; July, 6; August, 3; September, 8; October, 8; November, 8; December 6 per cent. For San Diego: January, 5 per cent; February, 8; March, 10; April, 14; May, 14; June, 11; July, 6; August, 3; September, 8; October, 4; November, 4; December, 5 per cent.

Source of data:

Farm prices reported by producers cooperating with county farm advisors.

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